

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097323.D
 Acq On : 3 Aug 2017 18:15
 Operator : SJ/JU
 Sample : PB101187BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Manual Integrations
 APPROVED

Sohil
 8/4/2017 5:30:14 PM

Quant Time: Aug 04 01:22:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	116546	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	498553	20.00	ng	-0.06
38) Acenaphthene-d10	9.47	164	225773	20.00	ng	-0.06
63) Phenanthrene-d10	10.94	188	365451	20.00	ng	-0.06
75) Chrysene-d12	13.56	240	217750	20.00	ng	-0.06
86) Perylene-d12	14.90	264	228582	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.06	112	971670	125.68	ng	-0.04
7) Phenol-d6	6.12	99	1143450	129.55	ng	-0.05
23) Nitrobenzene-d5	7.02	82	733993	86.37	ng	-0.05
41) 2,4,6-Tribromophenol	10.26	330	213841	119.88	ng	-0.06
44) 2-Fluorobiphenyl	8.80	172	1185845	89.14	ng	-0.06
78) Terphenyl-d14	12.52	244	908948	85.11	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	128844	39.936	ng	# 75
3) Pyridine	2.66	79	401895	40.681	ng	# 67
4) n-Nitrosodimethylamine	2.62	42	241454	44.117	ng	# 83
6) Aniline	6.11	93	345290	31.089	ng	# 86
8) 2-Chlorophenol	6.24	128	339621	41.083	ng	# 94
9) Benzaldehyde	5.99	77	140312	26.858	ng	# 98
10) Phenol	6.13	94	445580	42.562	ng	# 97
11) bis(2-Chloroethyl)ether	6.20	93	375878	45.396	ng	# 93
12) 1,3-Dichlorobenzene	6.39	146	365984	41.081	ng	# 99
13) 1,4-Dichlorobenzene	6.46	146	380004	43.041	ng	# 96
14) 1,2-Dichlorobenzene	6.62	146	328998	42.678	ng	# 98
15) Benzyl Alcohol	6.61	79	287911	51.523	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	6.73	45	761253	45.838	ng	# 65
17) 2-Methylphenol	6.74	107	300607	47.116	ng	# 90
18) Hexachloroethane	6.95	117	139404	43.160	ng	# 79
19) n-Nitroso-di-n-propylamine	6.88	70	262252	45.142	ng	# 82
20) 3+4-Methylphenols	6.90	107	398746	47.852	ng	# 63
22) Acetophenone	6.87	105	500899	41.837	ng	# 97
24) Nitrobenzene	7.04	77	380803	43.024	ng	# 91
25) Isophorone	7.29	82	695720	41.802	ng	# 96
26) 2-Nitrophenol	7.36	139	206285	43.079	ng	# 88
27) 2,4-Dimethylphenol	7.42	122	355969	45.064	ng	# 96
28) bis(2-Chloroethoxy)methane	7.50	93	507307	46.709	ng	# 100
29) 2,4-Dichlorophenol	7.60	162	311695	45.804	ng	# 93
30) 1,2,4-Trichlorobenzene	7.67	180	281602	43.415	ng	# 98
31) Naphthalene	7.75	128	1043184	44.388	ng	# 99
32) Benzoic acid	7.59	122	265146	44.952	ng	# 98
33) 4-Chloroaniline	7.81	127	305030	31.898	ng	# 98
34) Hexachlorobutadiene	7.87	225	142118	41.329	ng	# 97
35) Caprolactam	8.19	113	113841m	52.172	ng	#
36) 4-Chloro-3-methylphenol	8.32	107	335350	45.171	ng	# 90
37) 2-Methylnaphthalene	8.44	142	699090	46.982	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.61	216	250347	41.557	ng	# 98
40) Hexachlorocyclopentadiene	8.59	237	146602	70.450	ng	# 97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097323.D
 Acq On : 3 Aug 2017 18:15
 Operator : SJ/JU
 Sample : PB101187BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Manual Integrations
 APPROVED

Sohil
 8/4/2017 5:30:14 PM

Quant Time: Aug 04 01:22:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	171446	39.272	ng	96
43) 2,4,5-Trichlorophenol	8.78	196	174276	39.884	ng	97
45) 1,1'-Biphenyl	8.90	154	757257	39.268	ng	98
46) 2-Chloronaphthalene	8.92	162	594487	41.892	ng	# 92
47) 2-Nitroaniline	9.03	65	230187	44.696	ng	93
48) Acenaphthylene	9.33	152	878835	40.347	ng	99
49) Dimethylphthalate	9.22	163	716392	41.785	ng	99
50) 2,6-Dinitrotoluene	9.27	165	157746	43.381	ng	# 69
51) Acenaphthene	9.50	154	560756	43.705	ng	98
52) 3-Nitroaniline	9.44	138	126938	28.124	ng	99
53) 2,4-Dinitrophenol	9.56	184	160585	97.127	ng	# 72
54) Dibenzofuran	9.67	168	789145	46.176	ng	95
55) 4-Nitrophenol	9.64	139	203808	75.931	ng	# 57
56) 2,4-Dinitrotoluene	9.69	165	191858	45.896	ng	# 84
57) Fluorene	10.02	166	542283	42.219	ng	97
58) 2,3,4,6-Tetrachlorophenol	9.80	232	139891	46.367	ng	95
59) Diethylphthalate	9.91	149	671845	42.713	ng	99
60) 4-Chlorophenyl-phenylether	10.01	204	223089	42.060	ng	98
61) 4-Nitroaniline	10.06	138	162571	37.907	ng	93
62) Azobenzene	10.17	77	664439	45.535	ng	93
64) 4,6-Dinitro-2-methylphenol	10.10	198	102910	45.317	ng	# 82
65) n-Nitrosodiphenylamine	10.13	169	546723	42.996	ng	99
66) 4-Bromophenyl-phenylether	10.49	248	151048	41.416	ng	91
67) Hexachlorobenzene	10.56	284	158709	38.806	ng	# 87
68) Atrazine	10.67	200	158841	43.563	ng	94
69) Pentachlorophenol	10.77	266	126820	74.944	ng	97
70) Phenanthrene	10.97	178	858250	43.831	ng	98
71) Anthracene	11.02	178	867174	43.239	ng	99
72) Carbazole	11.18	167	853374	43.266	ng	99
73) Di-n-butylphthalate	11.52	149	1000727	41.046	ng	99
74) Fluoranthene	12.14	202	810974	42.277	ng	99
76) Benzidine	12.27	184	194403	24.061	ng	# 92
77) Pyrene	12.37	202	867807	48.681	ng	100
79) Butylbenzylphthalate	13.00	149	433620	47.819	ng	# 76
80) Benzo(a)anthracene	13.55	228	659768	46.827	ng	99
81) 3,3'-Dichlorobenzidine	13.52	252	202620	38.136	ng	# 94
82) Chrysene	13.59	228	676941	49.204	ng	99
83) Bis(2-ethylhexyl)phthalate	13.57	149	517826	43.737	ng	# 98
84) Di-n-octyl phthalate	14.17	149	1064700	49.003	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.10	276	521531	44.209	ng	96
87) Benzo(b)fluoranthene	14.55	252	611018	44.468	ng	98
88) Benzo(k)fluoranthene	14.57	252	543881	41.538	ng	98
89) Benzo(a)pyrene	14.85	252	564406	44.881	ng	98
90) Dibenzo(a,h)anthracene	16.11	278	435816	42.260	ng	97
91) Benzo(g,h,i)perylene	16.45	276	472036	43.648	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

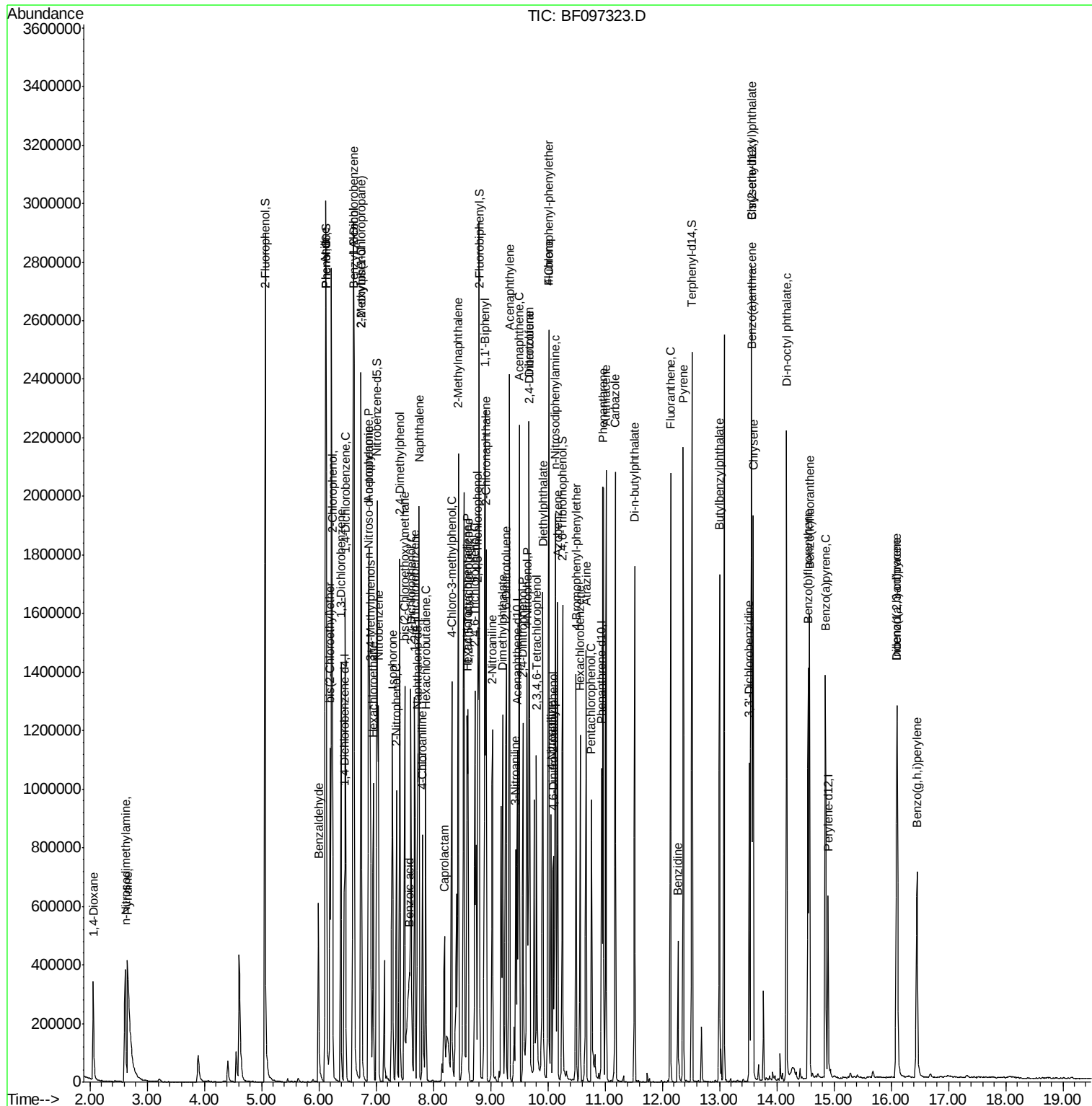
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097323.D
Acq On : 3 Aug 2017 18:15
Operator : SJ/JU
Sample : PB101187BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

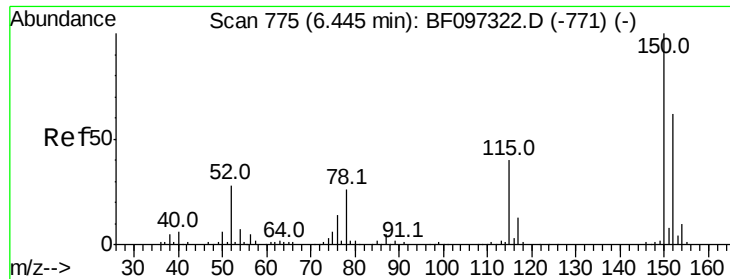
Instrument :
BNA_F
ClientSampleId :
PB101187BS

Manual Integrations APPROVED

Sohil
8/4/2017 5:30:14 PM

Quant Time: Aug 04 01:22:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration





#1

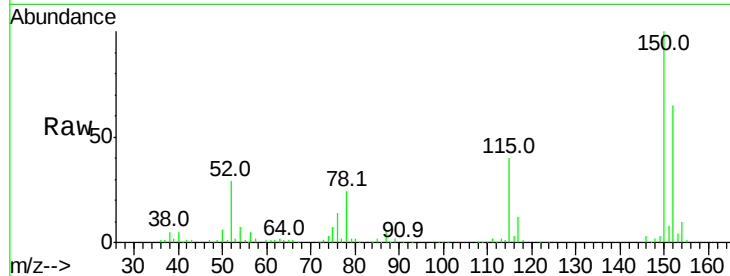
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Instrument :
BNA_F
ClientSampleId :
PB101187BS

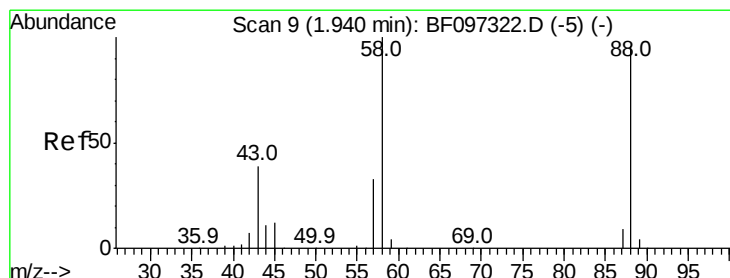
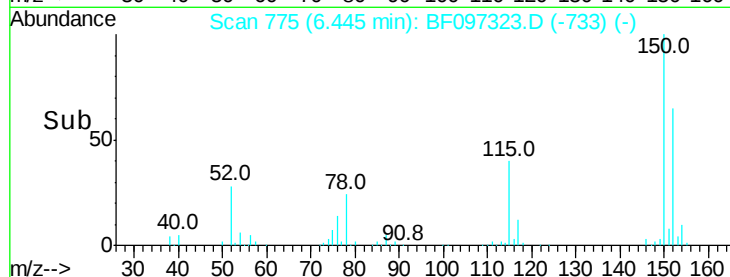
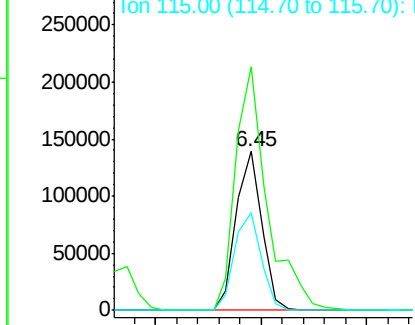
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.2	189.2
115	61.9	52.2	78.2

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:14 PM



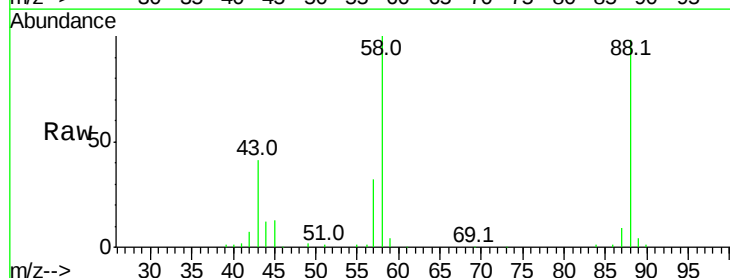
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



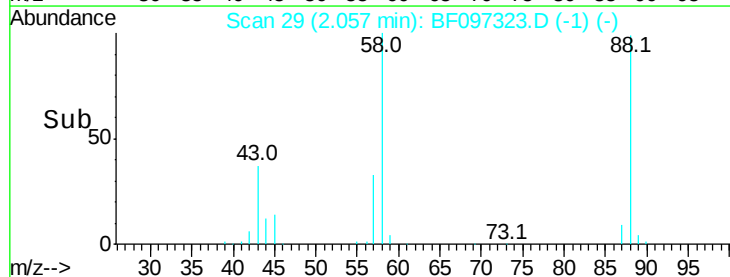
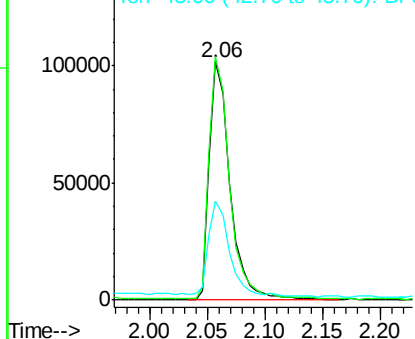
#2

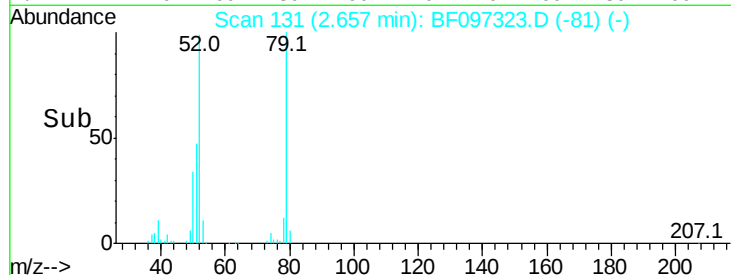
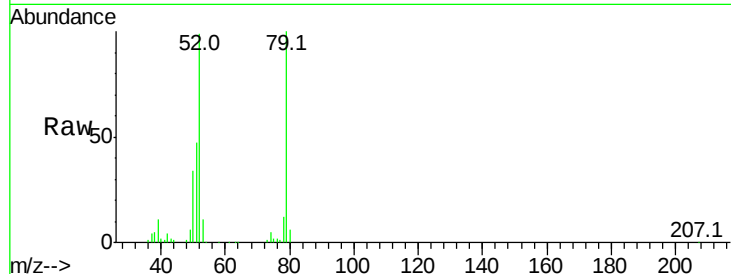
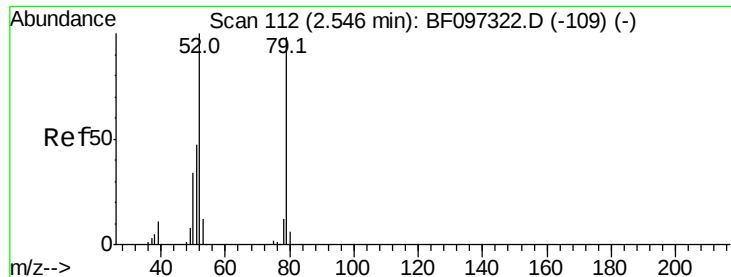
1,4-Dioxane
Concen: 39.936 ng
RT: 2.06 min Scan# 29
Delta R.T. 0.01 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.4	61.4	92.0#
43	39.9	23.4	35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





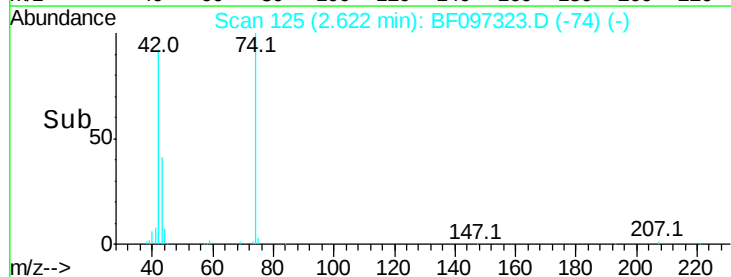
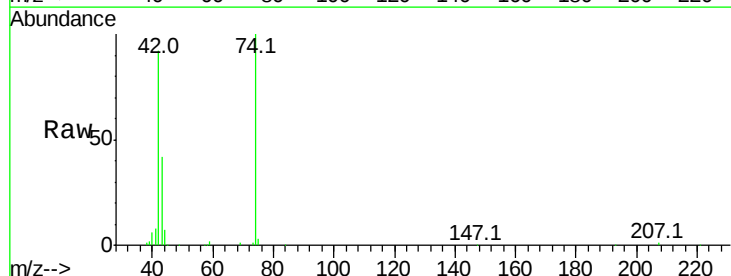
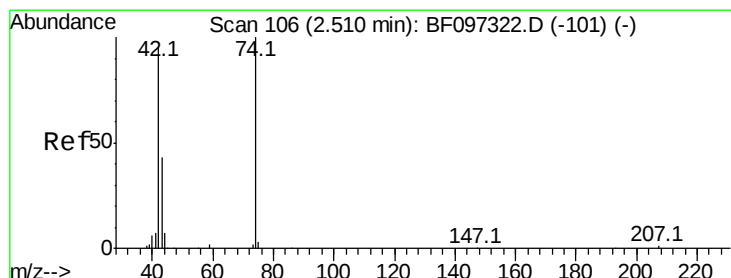
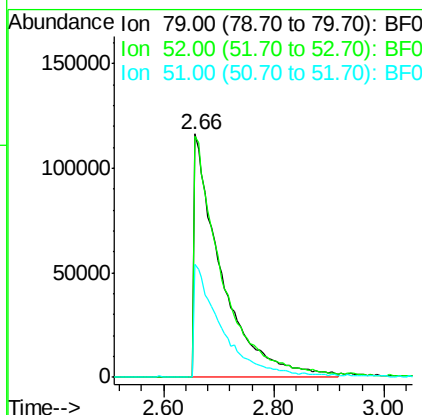
#3
Pvridine
Concen: 40.681 ng
RT: 2.66 min Scan# 131
Delta R.T. -0.01 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	98.9	54.8	82.2#
51	46.6	27.0	40.4#

Instrument :
BNA_F
ClientSampleId :
PB101187BS

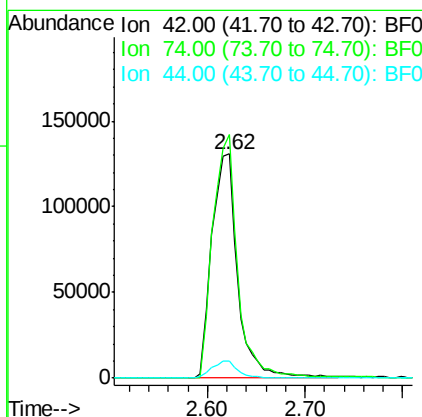
Manual Integrations
APPROVED

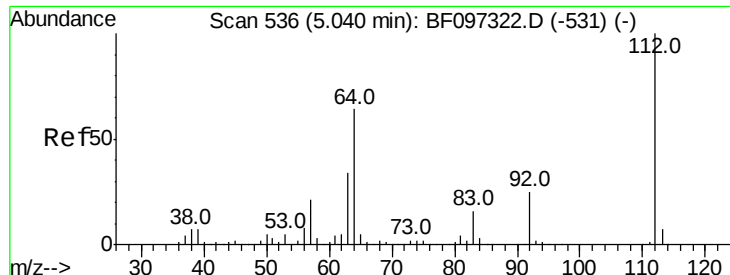
Sohil
8/4/2017 5:30:14 PM



#4
n-Nitrosodimethylamine
Concen: 44.117 ng
RT: 2.62 min Scan# 125
Delta R.T. -0.00 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	108.5	103.9	155.9
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 125.683 ng

RT: 5.06 min Scan# 540

Delta R.T. -0.04 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

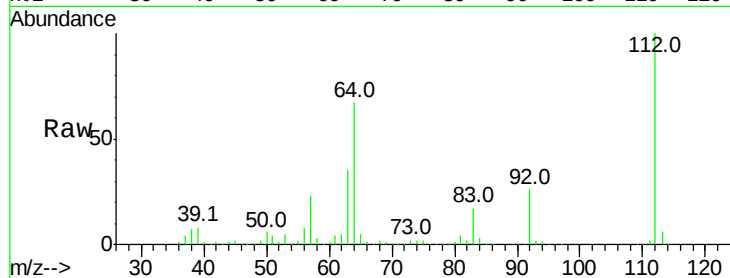
ClientSampleId :

PB101187BS

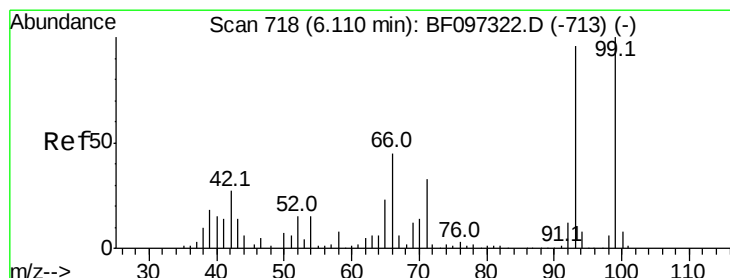
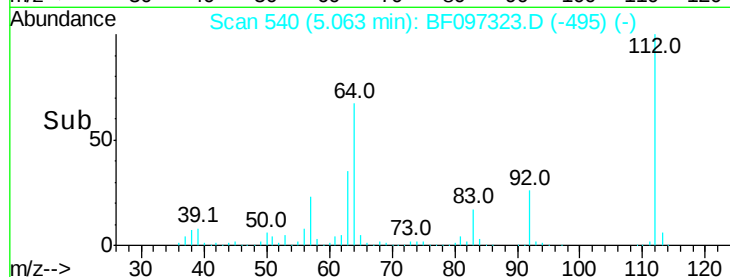
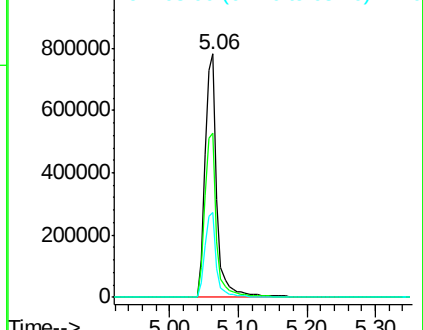
Tot Ion:	112	Resp:	971670
Ion Ratio	Lower	Upper	
112	100		
64	67.3	46.0	69.0
63	34.8	23.4	35.0

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:14 PM



Abundance Ion 112.00 (111.70 to 112.70): BF097323.D (-531) (-)



#6

Aniline

Concen: 31.089 ng

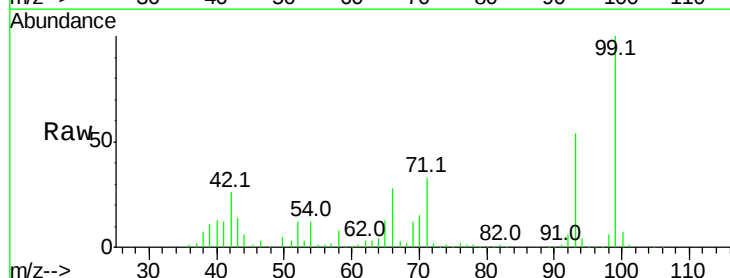
RT: 6.11 min Scan# 718

Delta R.T. -0.05 min

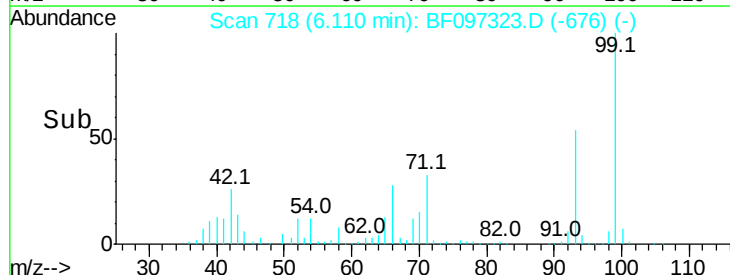
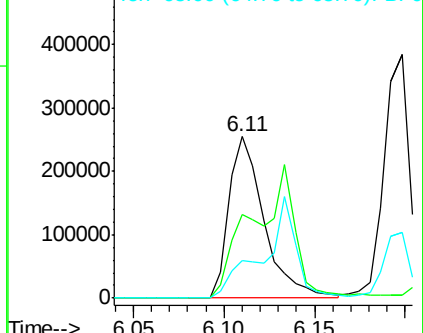
Lab File: BF097323.D

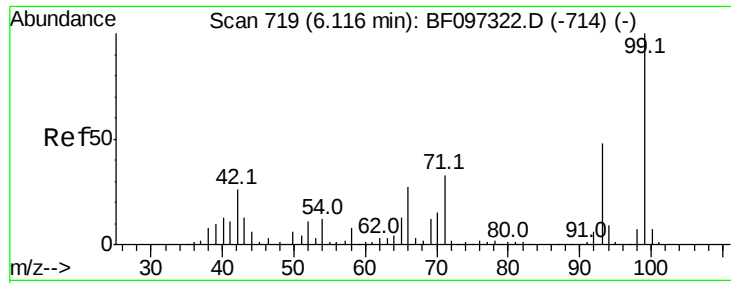
Acq: 3 Aug 2017 18:15

Tgt Ion:	93	Resp:	345290
Ion Ratio	Lower	Upper	
93	100		
66	52.0	32.9	49.3#
65	23.4	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF097323.D (-713) (-)





#7

Phenol-d6

Concen: 129.555 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampled :

PB101187BS

Tot Ion: 99 Resp: 1143450

Ion Ratio Lower Upper

99 100

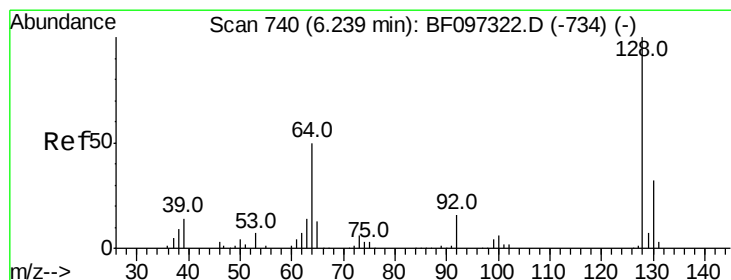
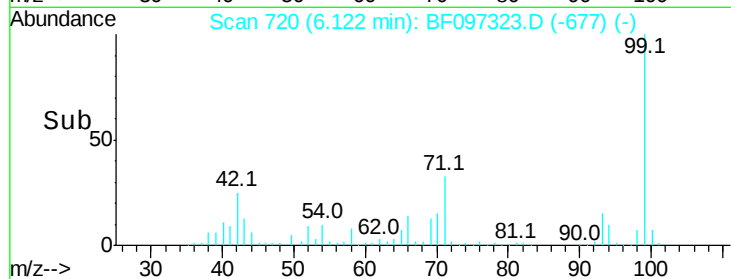
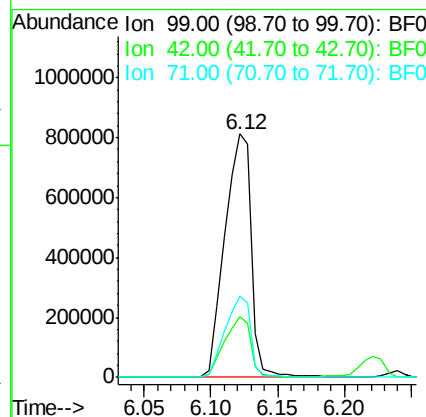
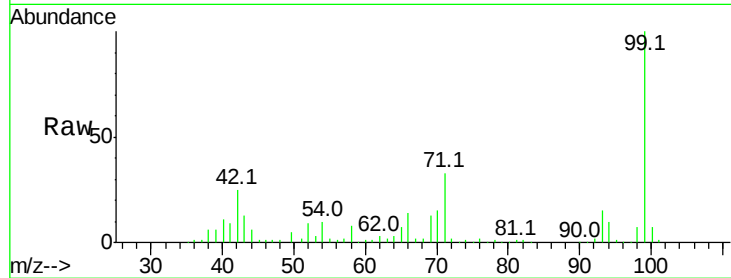
42 25.0 13.5 20.3#

71 33.3 24.5 36.7

Manual Integrations
APPROVED

Sohil

8/4/2017 5:30:14 PM



#8

2-Chlorophenol

Concen: 41.083 ng

RT: 6.24 min Scan# 740

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

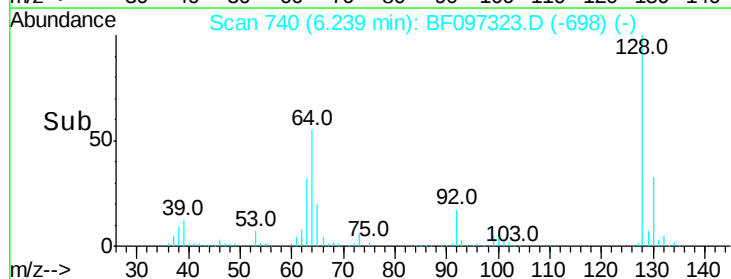
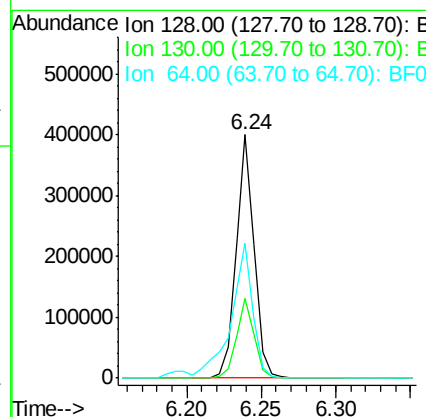
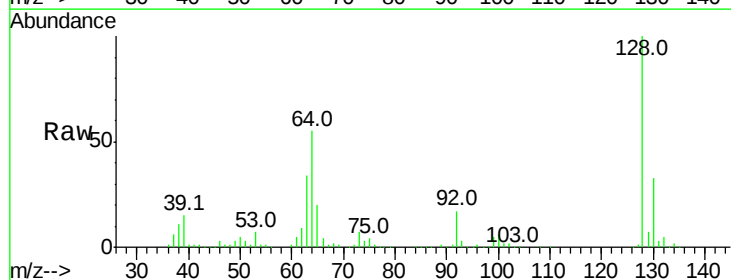
Tgt Ion:128 Resp: 339621

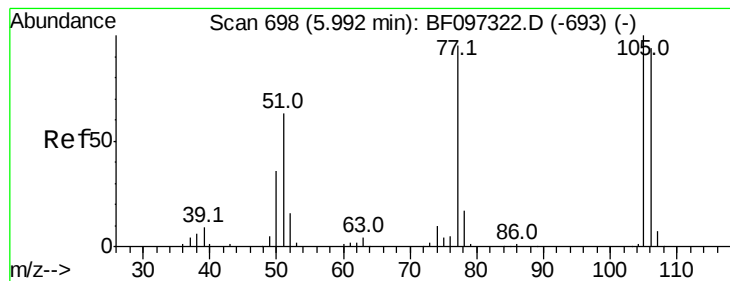
Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

64 55.2 28.4 68.4





#9

Benzaldehyde

Concen: 26.858 ng

RT: 5.99 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampleId :

PB101187BS

Tot Ion: 77 Resp: 140312

Ion Ratio Lower Upper

77 100

105 100.7 83.8 123.8

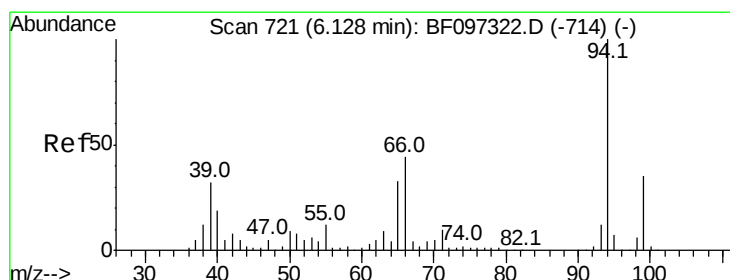
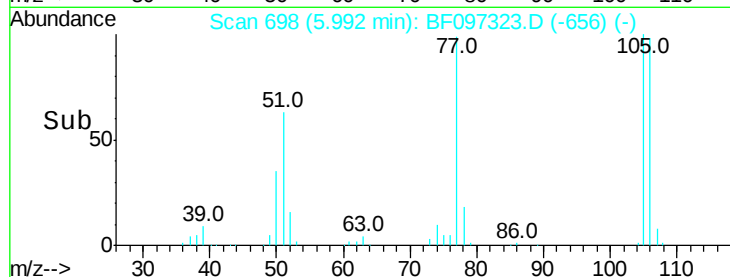
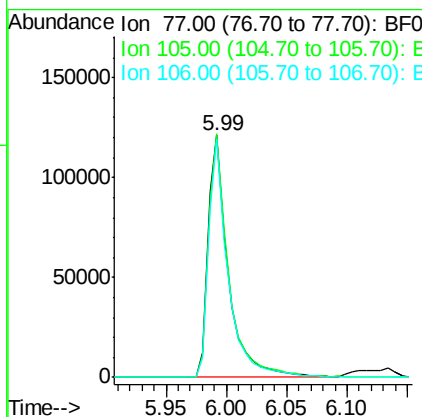
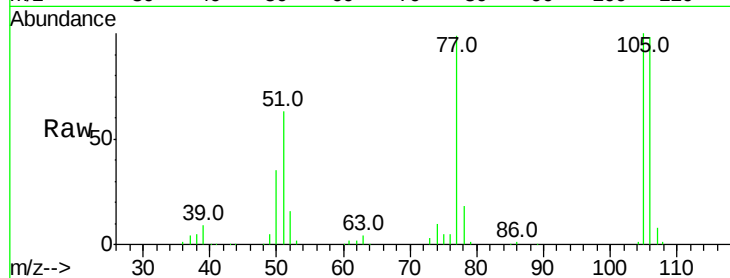
106 98.6 79.1 119.1

Manual Integrations

APPROVED

Sohil

8/4/2017 5:30:14 PM



#10

Phenol

Concen: 42.562 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

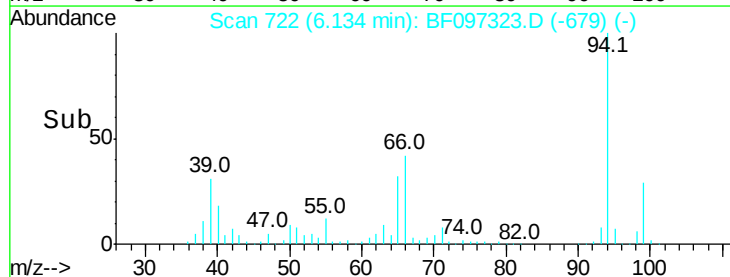
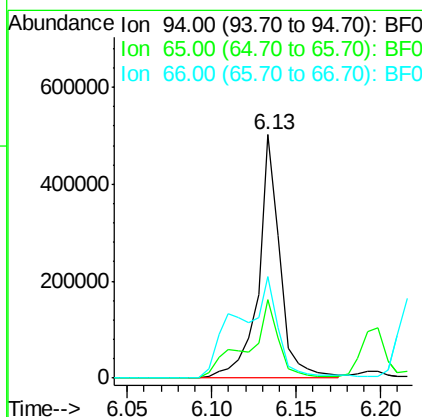
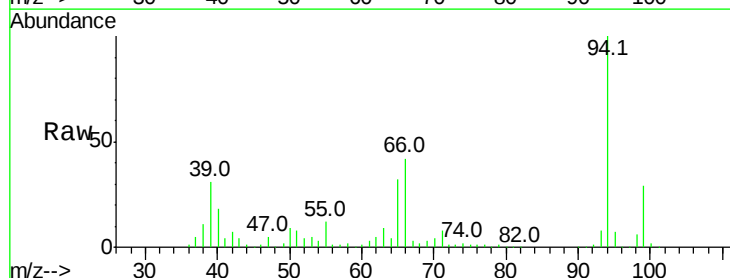
Tgt Ion: 94 Resp: 445580

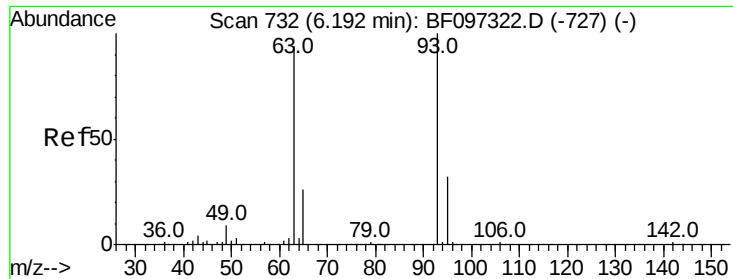
Ion Ratio Lower Upper

94 100

65 32.0 9.9 49.9

66 41.8 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 45.396 ng

RT: 6.20 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

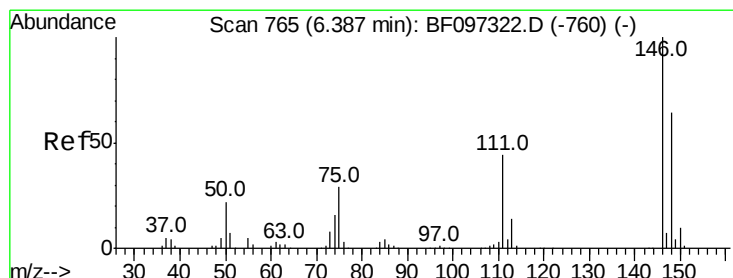
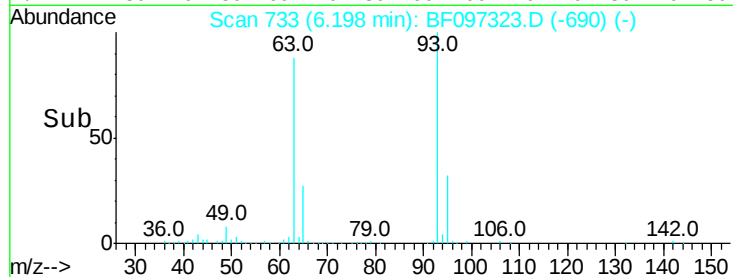
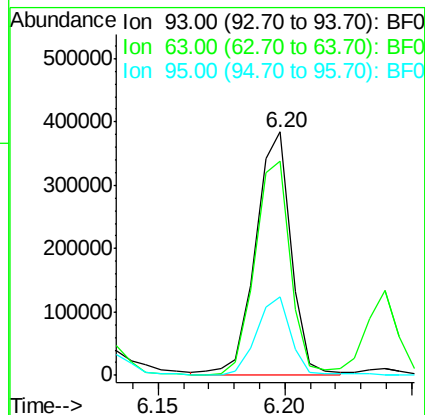
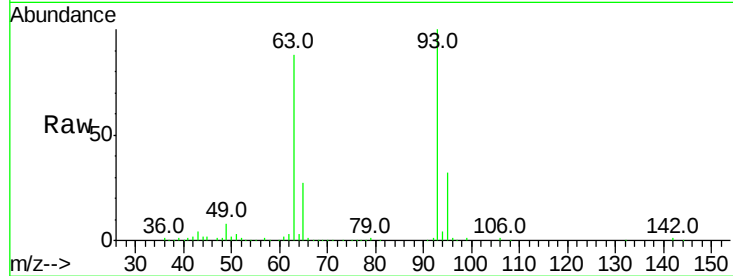
ClientSampleId :

PB101187BS

Tot Ion:	93	Resp:	375878
Ion	Ratio	Lower	Upper
93	100		
63	87.7	59.2	99.2
95	32.2	12.8	52.8

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:14 PM



#12

1,3-Dichlorobenzene

Concen: 41.081 ng

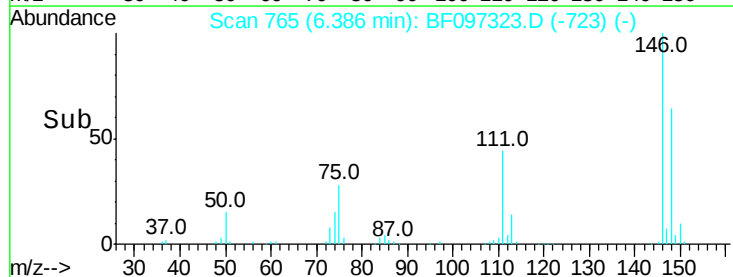
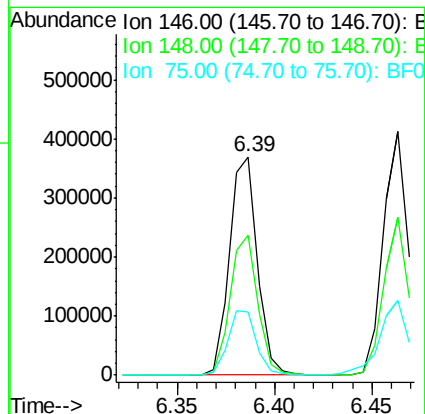
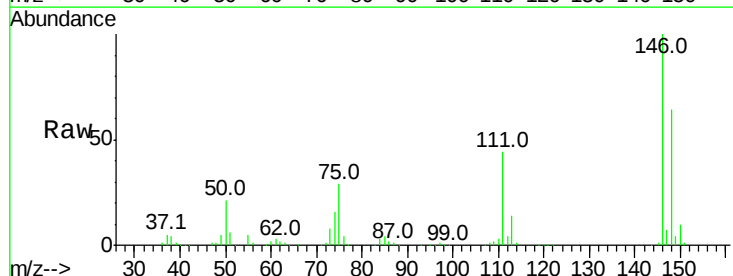
RT: 6.39 min Scan# 765

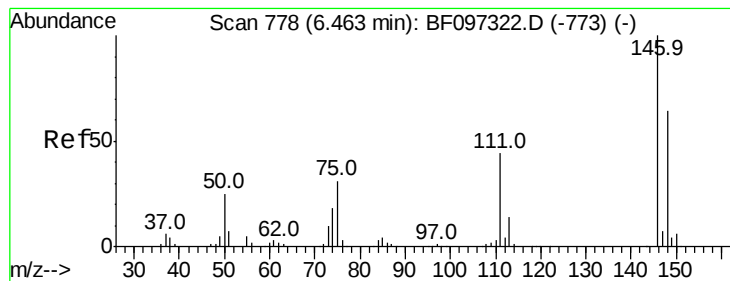
Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Tgt Ion:	146	Resp:	365984
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.6
75	29.1	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 43.041 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

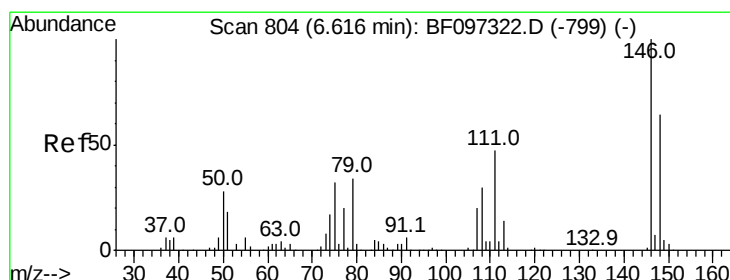
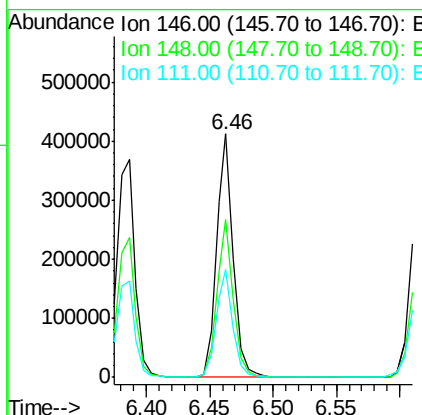
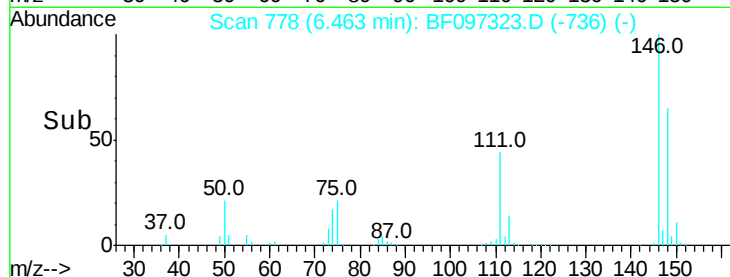
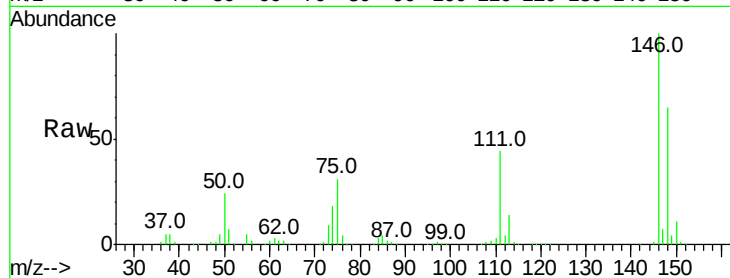
ClientSampled :

PB101187BS

Tot Ion:	146	Resp:	380004
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.2	78.2
111	44.3	30.3	45.5

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:14 PM



#14

1,2-Dichlorobenzene

Concen: 42.678 ng

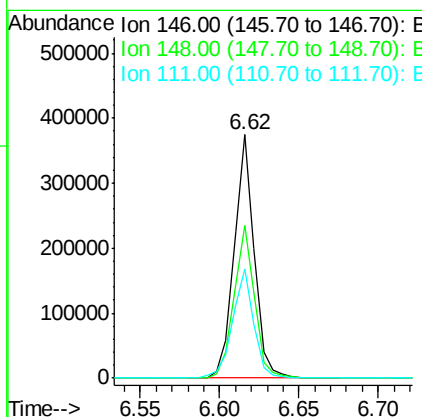
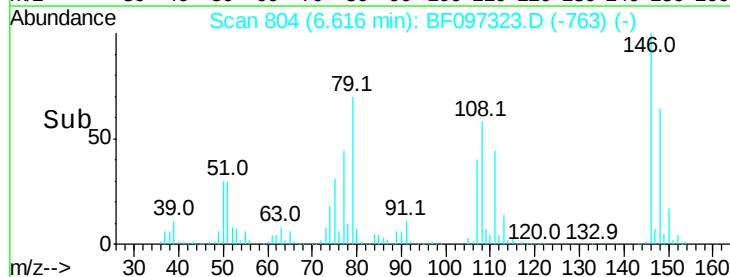
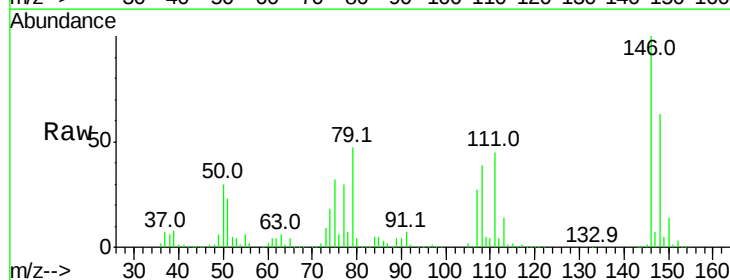
RT: 6.62 min Scan# 804

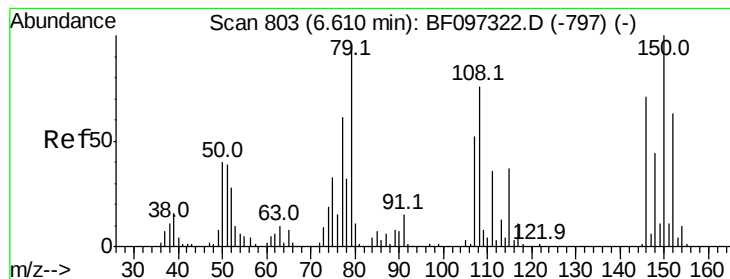
Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Tgt Ion:	146	Resp:	328998
Ion Ratio	Lower	Upper	
146	100		
148	62.7	50.4	75.6
111	45.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 51.523 ng

RT: 6.61 min Scan# 803

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampleId :

PB101187BS

Tot Ion: 79 Resp: 287911

Ion Ratio Lower Upper

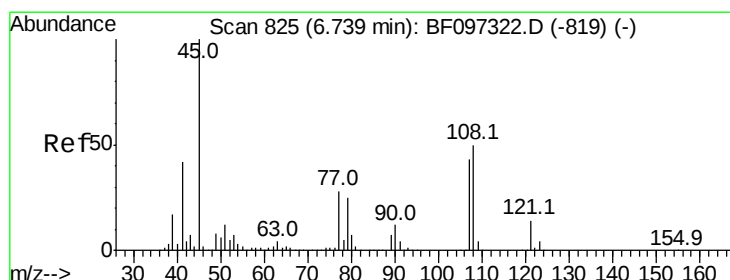
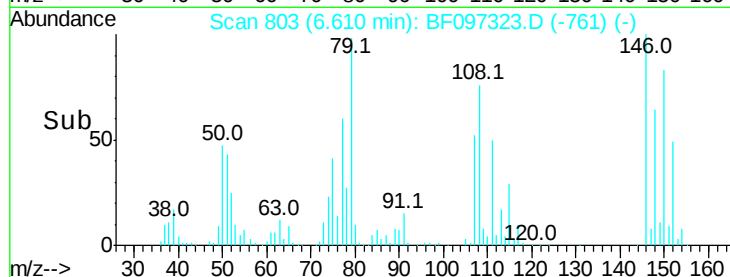
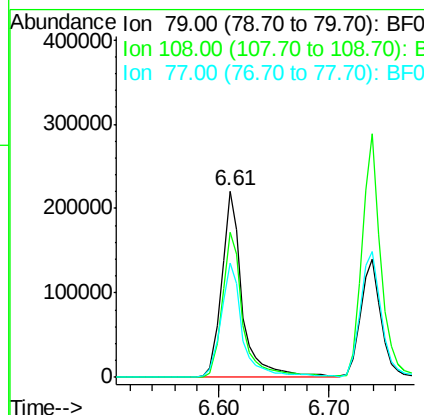
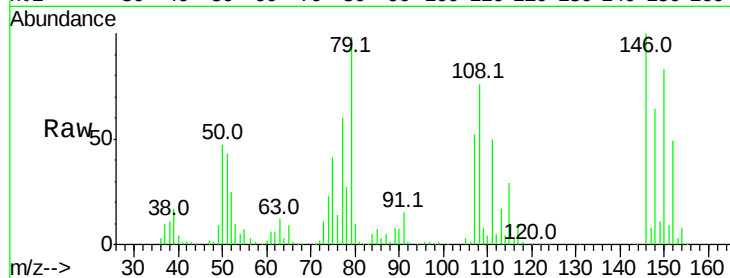
79 100

108 78.0 63.4 95.0

77 61.1 49.2 73.8

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:14 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.838 ng

RT: 6.73 min Scan# 824

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

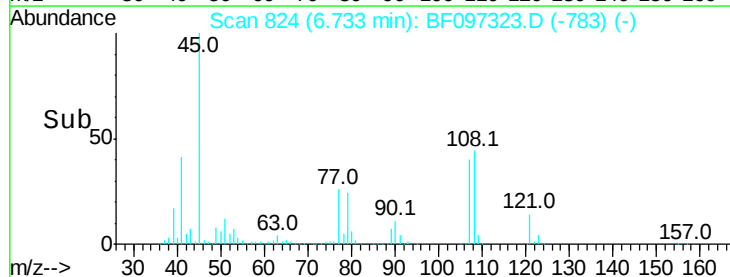
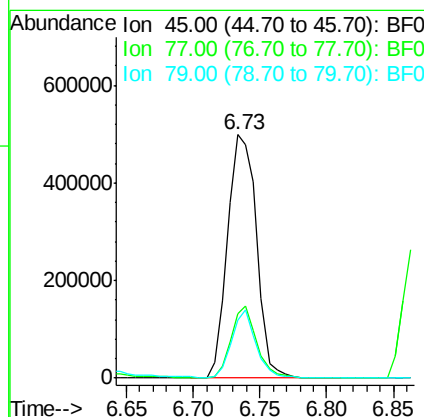
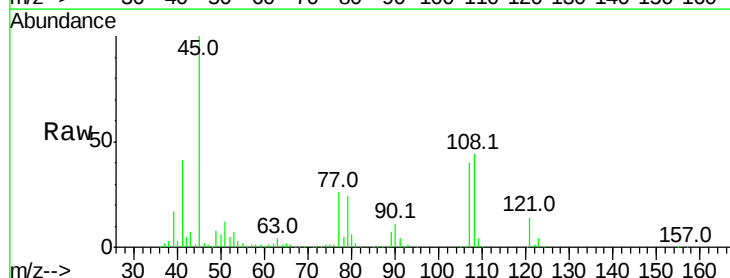
Tgt Ion: 45 Resp: 761253

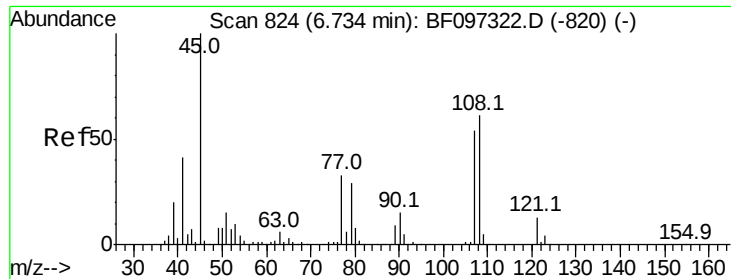
Ion Ratio Lower Upper

45 100

77 26.4 0.0 33.2

79 23.9 0.0 30.0





#17

2-Methylphenol

Concen: 47.116 ng

RT: 6.74 min Scan# 825

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

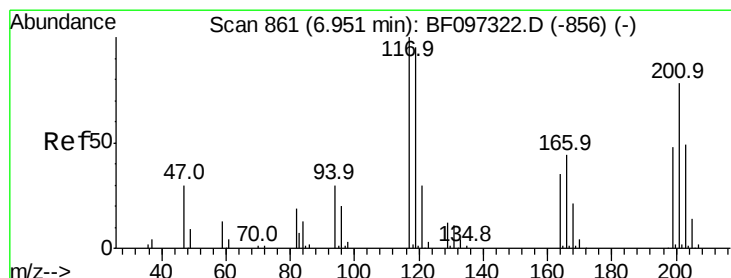
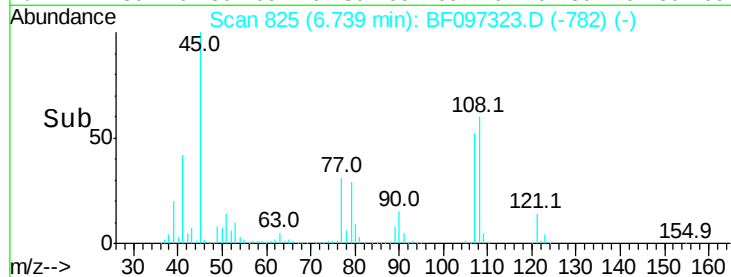
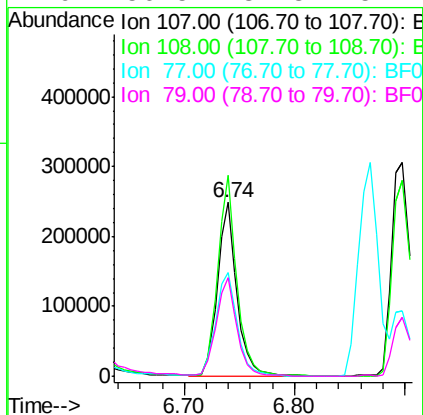
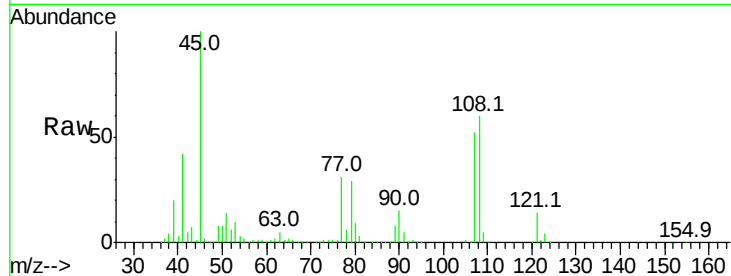
ClientSampleId :

PB101187BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.0	93.4	140.0	
77	59.7	35.8	53.6#	
79	56.5	34.8	52.2#	

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:14 PM



#18

Hexachloroethane

Concen: 43.160 ng

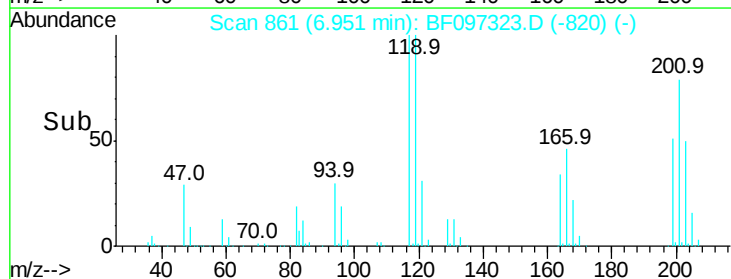
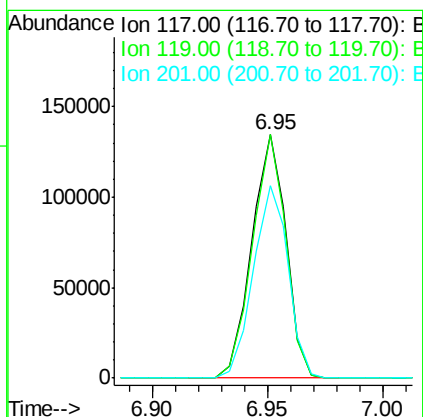
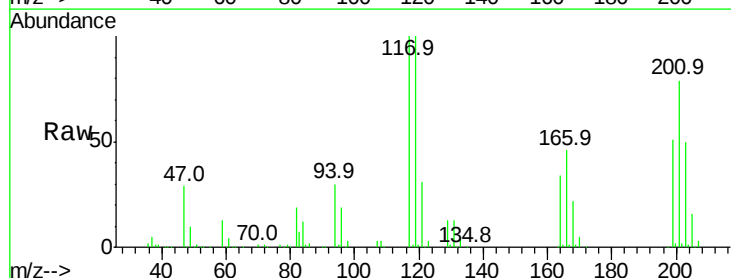
RT: 6.95 min Scan# 861

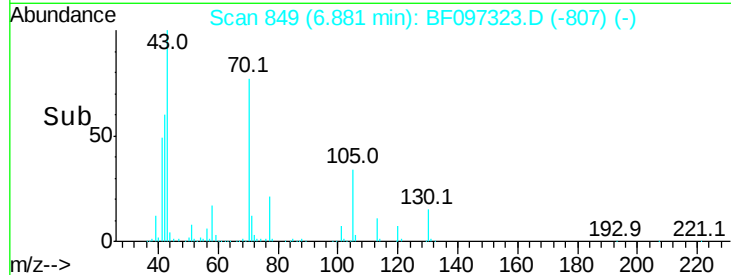
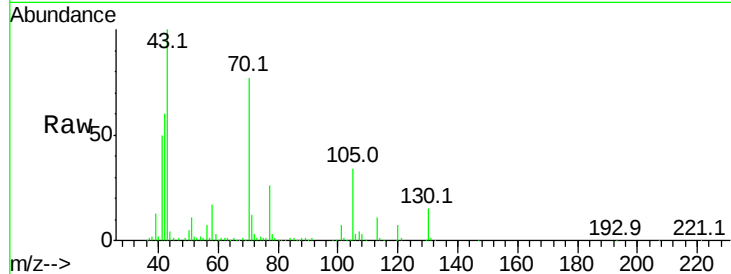
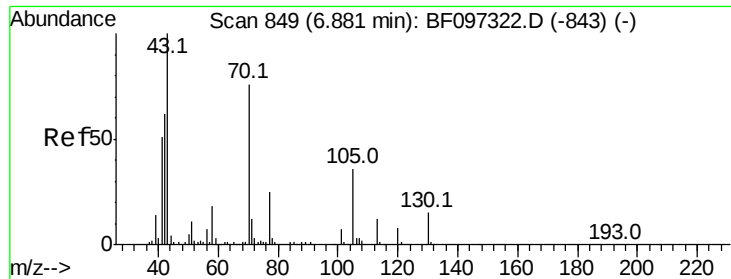
Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.1	77.4	116.0	
201	79.3	94.6	141.8#	





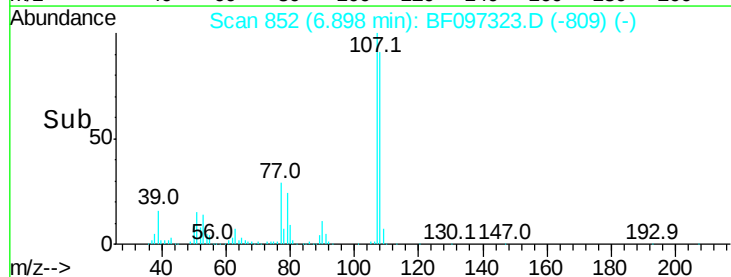
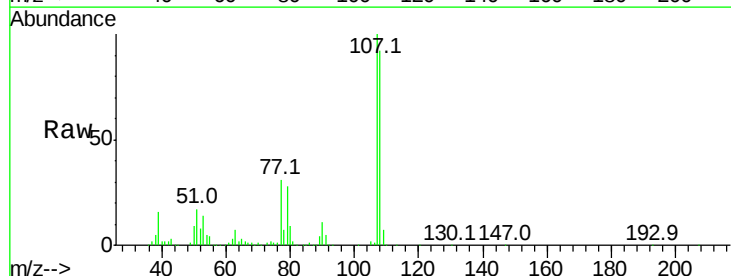
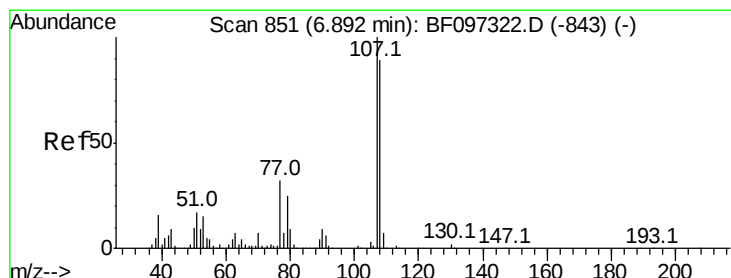
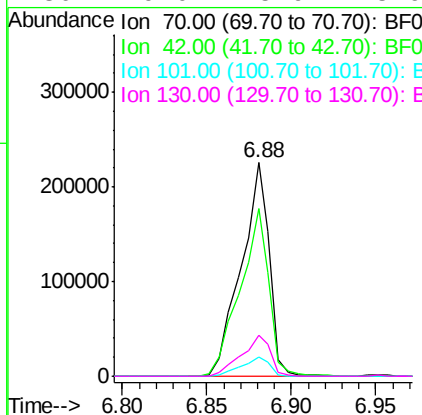
#19
n-Nitroso-di-n-propylamine
Concen: 45.142 ng
RT: 6.88 min Scan# 849
Delta R.T. -0.05 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Instrument :
BNA_F
ClientSampleId :
PB101187BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	78.4	47.2	70.8#
101	9.3	7.2	10.8
130	19.0	15.9	23.9

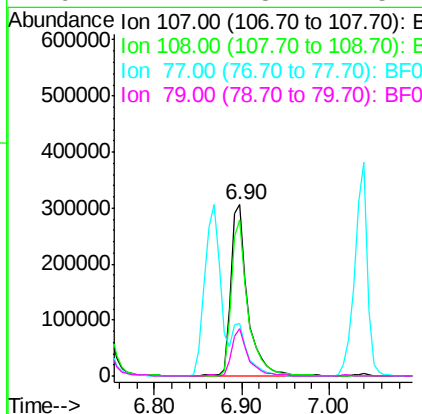
Manual Integrations
APPROVED

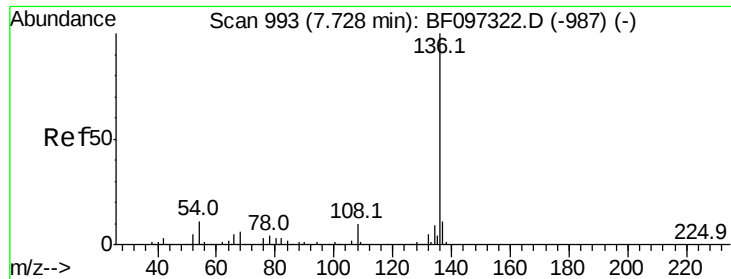
Sohil
8/4/2017 5:30:14 PM



#20
3+4-Methylphenols
Concen: 47.852 ng
RT: 6.90 min Scan# 852
Delta R.T. -0.05 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.0	111.0
77	30.6	90.5	130.5#
79	27.7	8.4	48.4





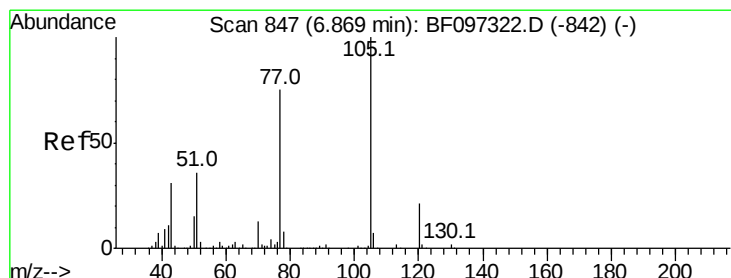
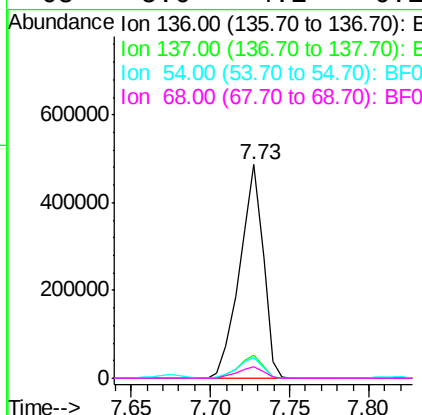
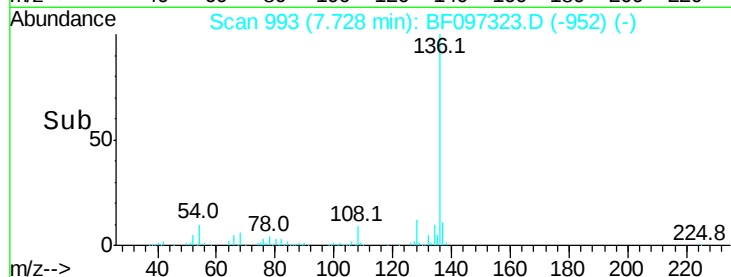
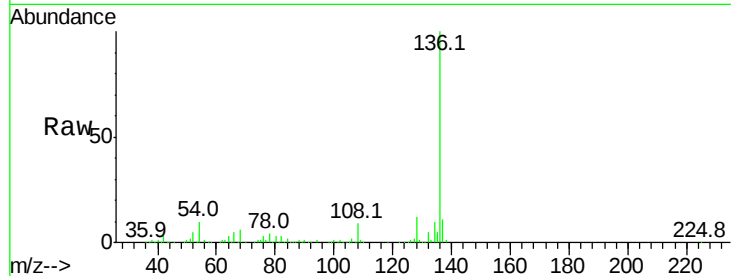
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Instrument :
BNA_F
ClientSampleId :
PB101187BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	498553		
137	11.0	8.5	12.7	
54	9.8	4.9	7.3#	
68	5.6	4.1	6.1	

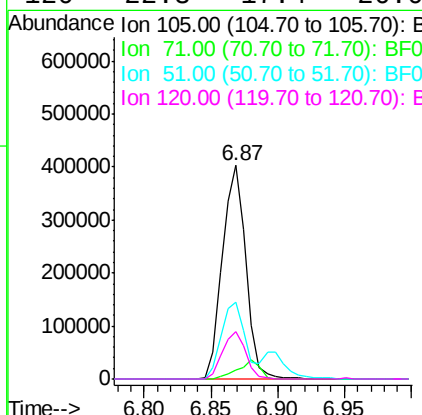
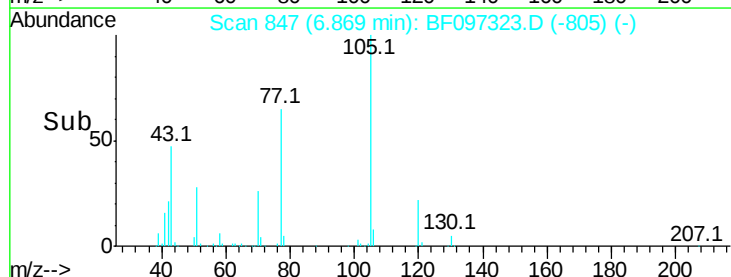
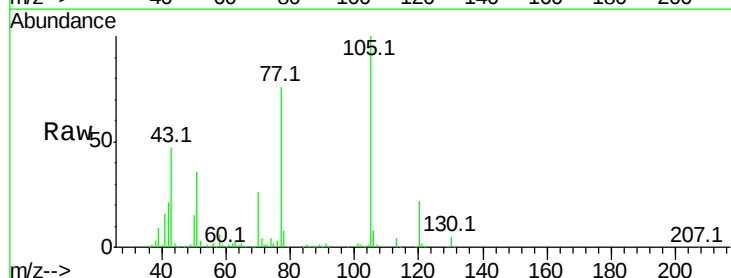
Manual Integrations
APPROVED

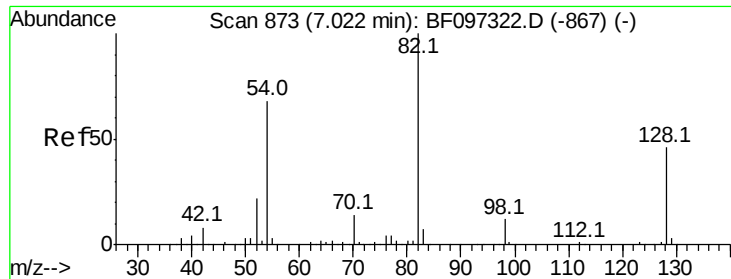
Sohil
8/4/2017 5:30:14 PM



#22
Acetophenone
Concen: 41.837 ng
RT: 6.87 min Scan# 847
Delta R.T. -0.05 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	500899		
71	4.0	2.8	4.2	
51	36.2	30.7	46.1	
120	22.3	17.4	26.0	





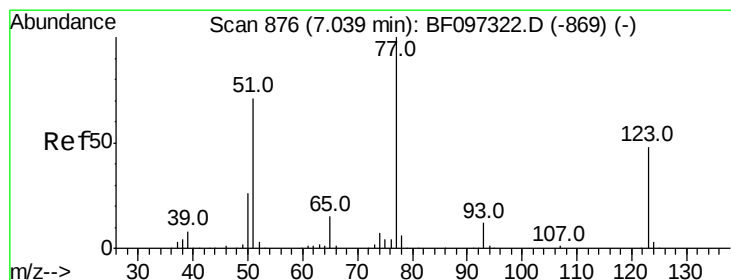
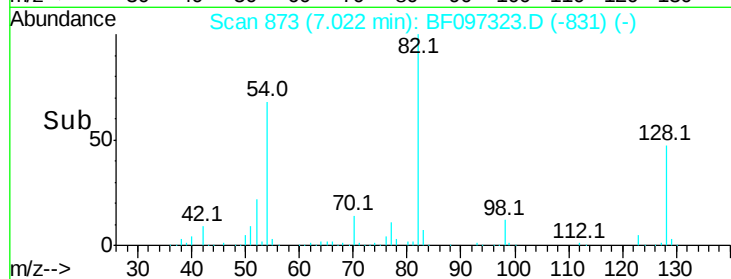
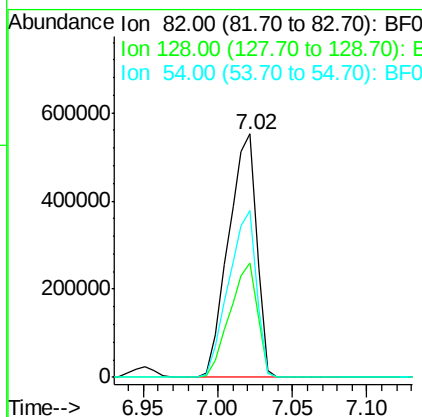
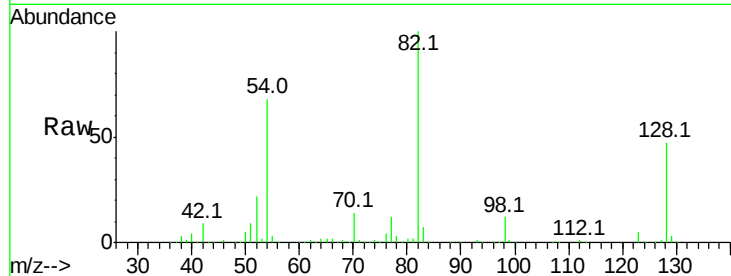
#23
Nitrobenzene-d5
Concen: 86.368 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Instrument :
BNA_F
ClientSampleId :
PB101187BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.9	34.0	51.0	
54	68.3	42.2	63.2	

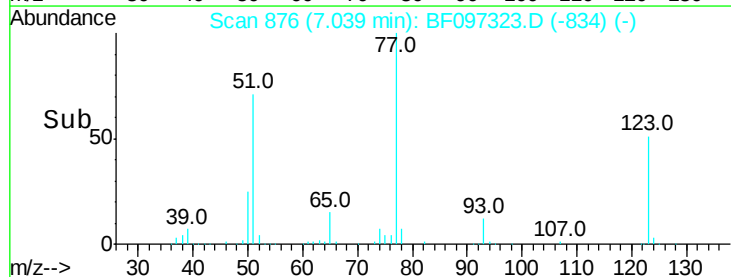
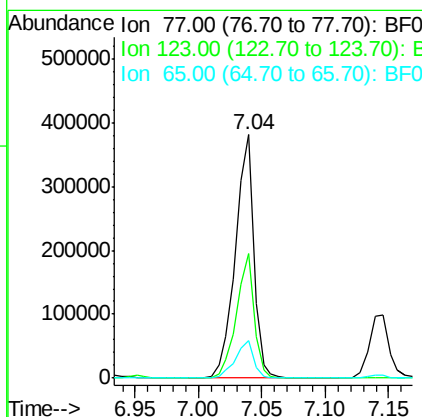
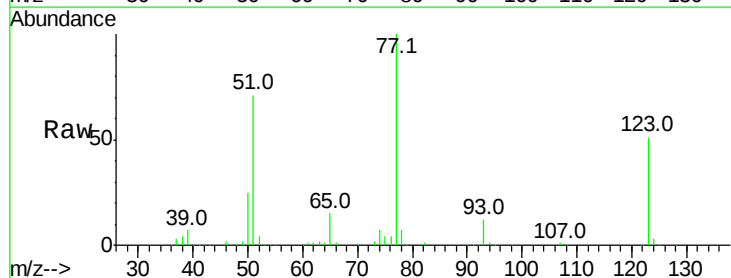
Manual Integrations
APPROVED

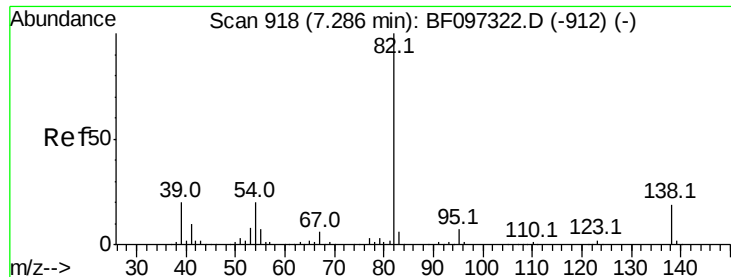
Sohil
8/4/2017 5:30:14 PM



#24
Nitrobenzene
Concen: 43.024 ng
RT: 7.04 min Scan# 876
Delta R.T. -0.05 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.3	35.8	53.8	
65	15.2	10.6	15.8	





#25

Isophorone

Concen: 41.802 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

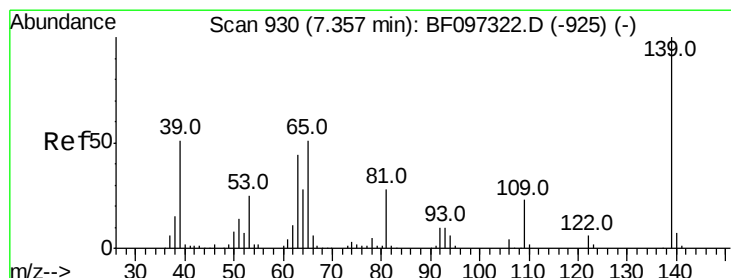
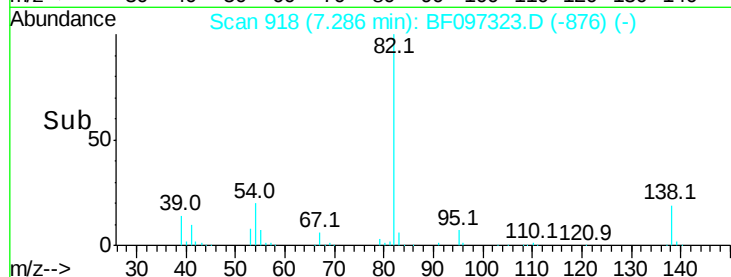
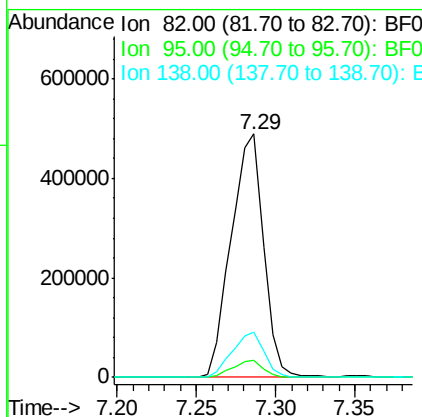
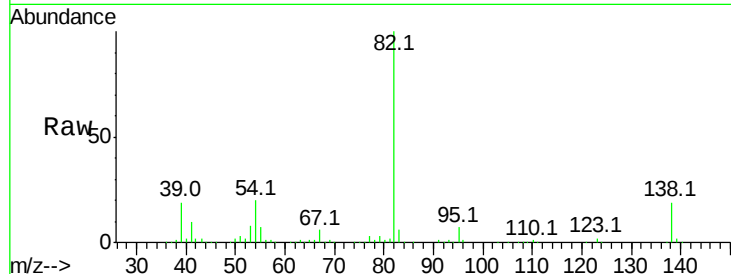
ClientSampleId :

PB101187BS

Tot Ion:	82	Resp:	695720
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	18.6	13.1	19.7

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:14 PM



#26

2-Nitrophenol

Concen: 43.079 ng

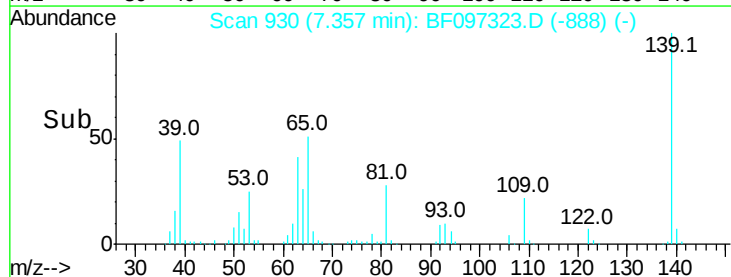
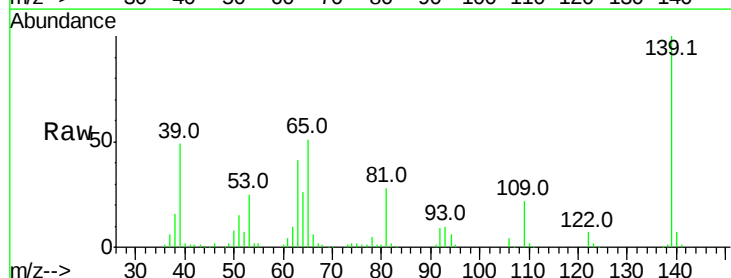
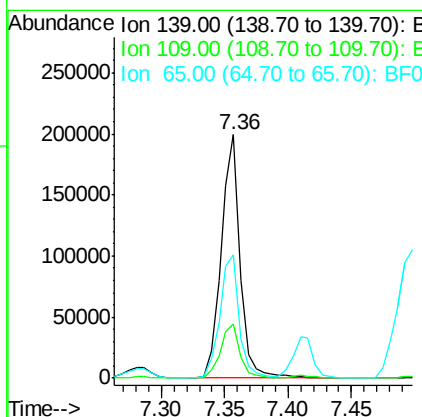
RT: 7.36 min Scan# 930

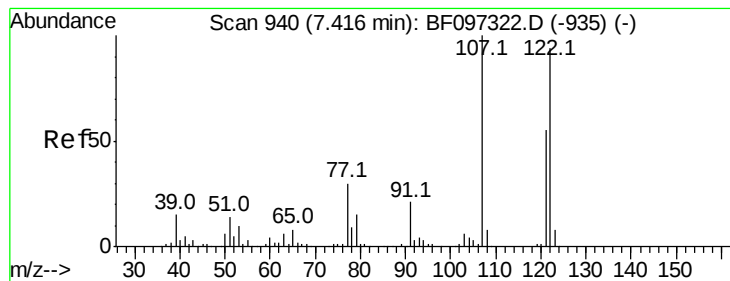
Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Tgt Ion:	139	Resp:	206285
Ion Ratio	Lower	Upper	
139	100		
109	22.4	21.0	31.6
65	50.9	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 45.064 ng

RT: 7.42 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

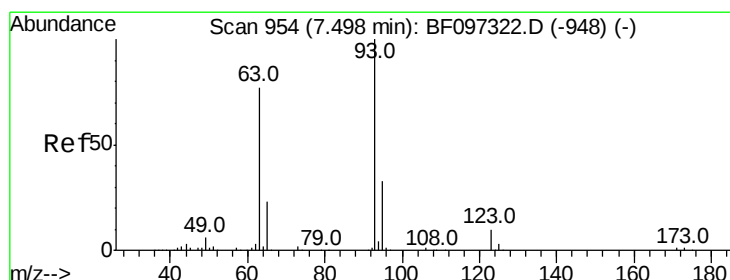
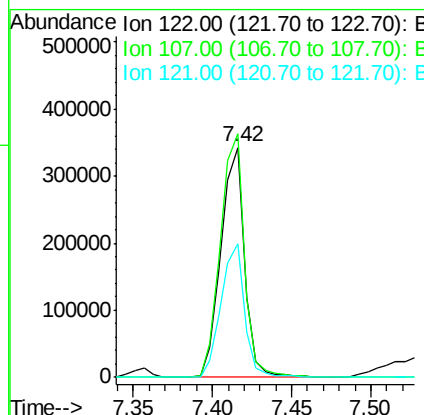
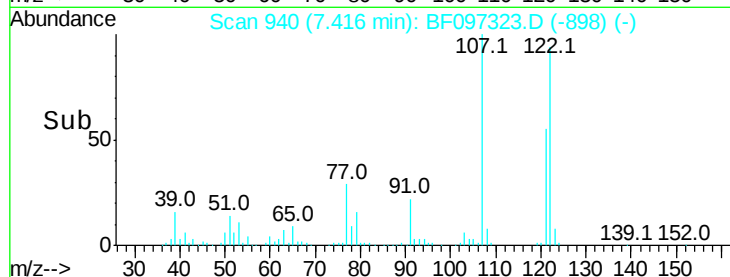
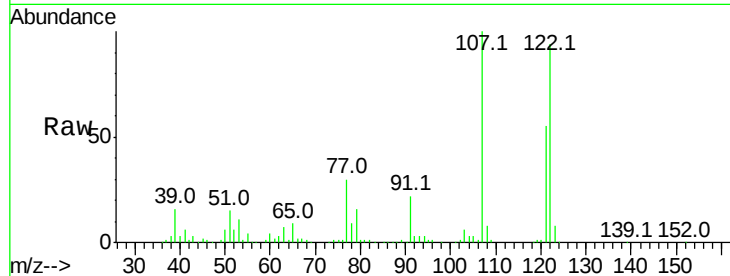
ClientSampleId :

PB101187BS

Tot Ion:	122	Resp:	355969
Ion Ratio	Lower	Upper	
122	100		
107	106.0	89.2	133.8
121	58.4	45.2	67.8

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:14 PM



#28

bis(2-Chloroethoxy)methane

Concen: 46.709 ng

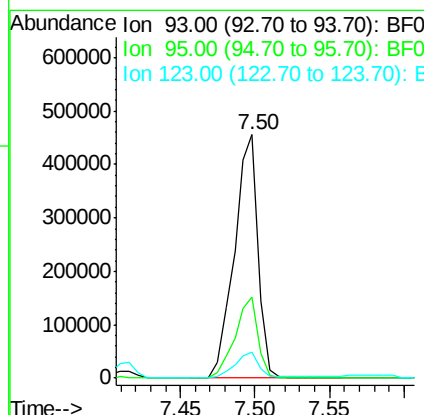
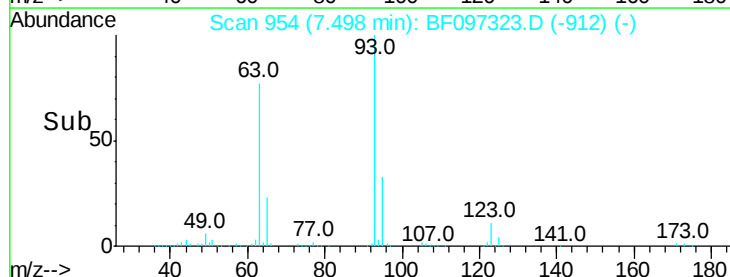
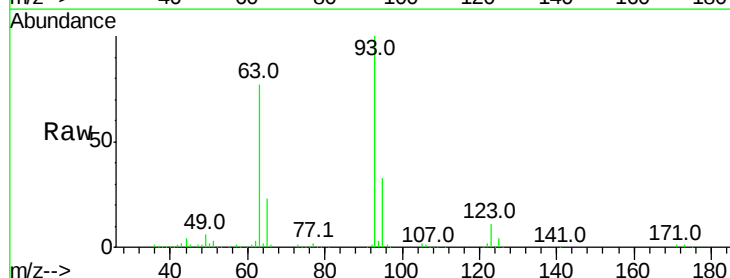
RT: 7.50 min Scan# 954

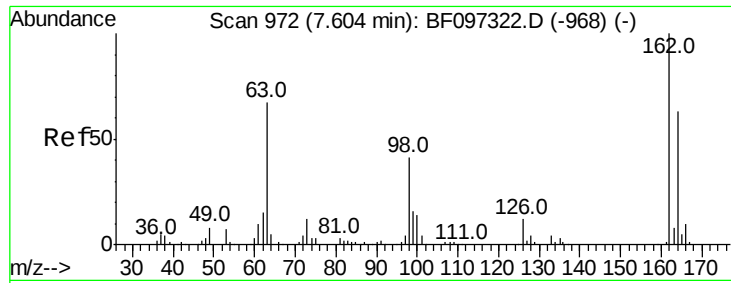
Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Tgt Ion:	93	Resp:	507307
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.5	39.7
123	10.8	9.0	13.4





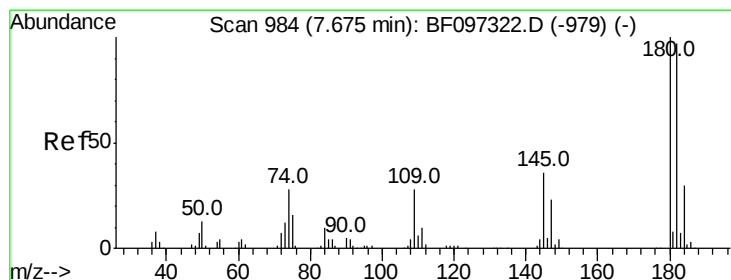
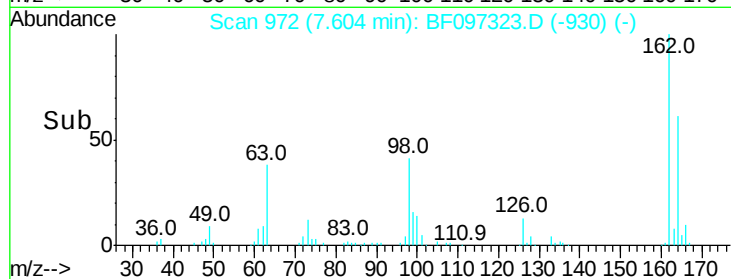
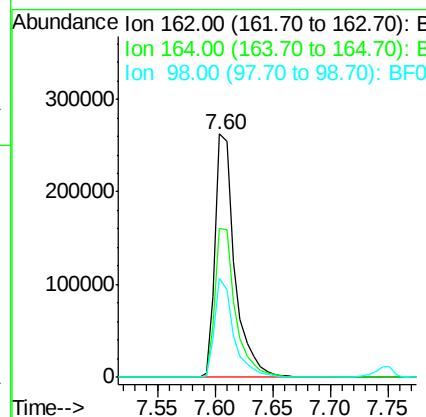
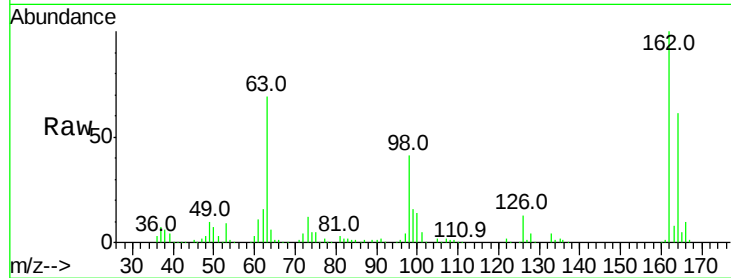
#29
 2,4-Dichlorophenol
 Concen: 45.804 ng
 RT: 7.60 min Scan# 972
 Delta R.T. -0.05 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Tot Ion:	162	Resp:	311695
Ion Ratio	Lower	Upper	
162	100		
164	61.0	44.6	84.6
98	40.8	14.8	54.8

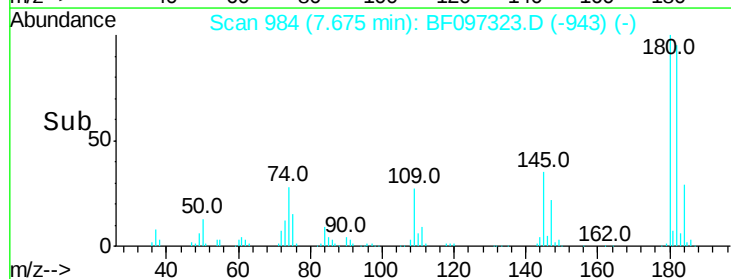
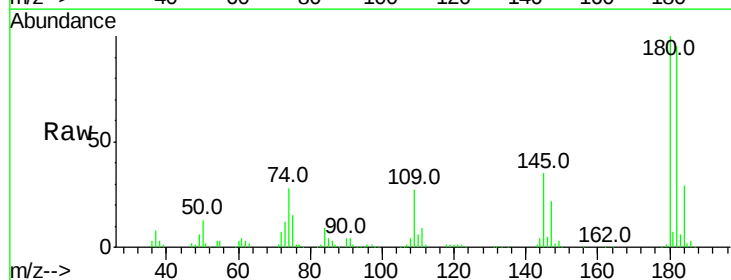
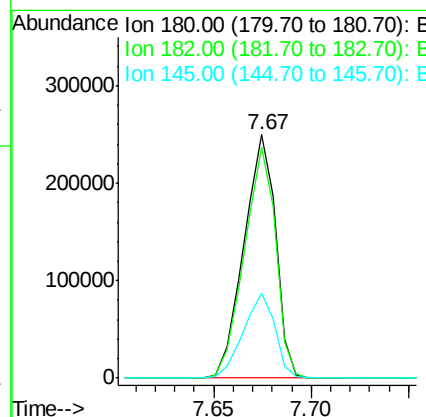
Manual Integrations
 APPROVED

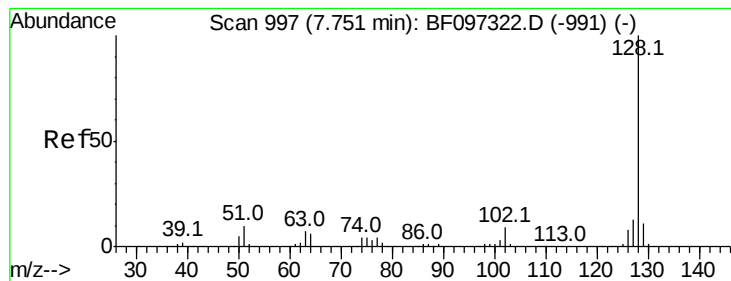
Sohil
 8/4/2017 5:30:14 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.415 ng
 RT: 7.67 min Scan# 984
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion:	180	Resp:	281602
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.8	113.6
145	34.7	25.3	37.9





#31

Naphthalene

Concen: 44.388 ng

RT: 7.75 min Scan# 997

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampleId :

PB101187BS

Tot Ion:128 Resp: 1043184

Ion Ratio Lower Upper

128 100

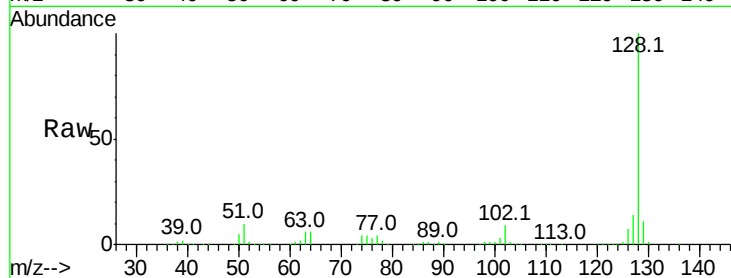
129 10.9 9.0 13.6

127 13.6 10.8 16.2

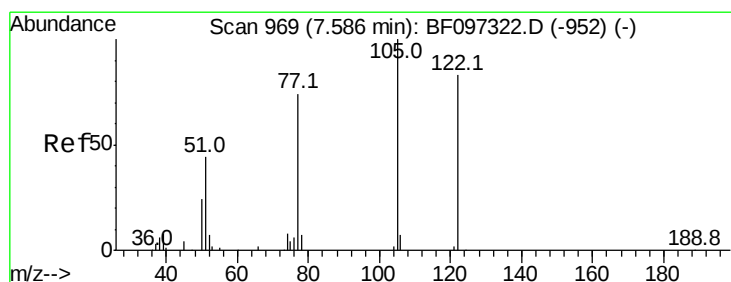
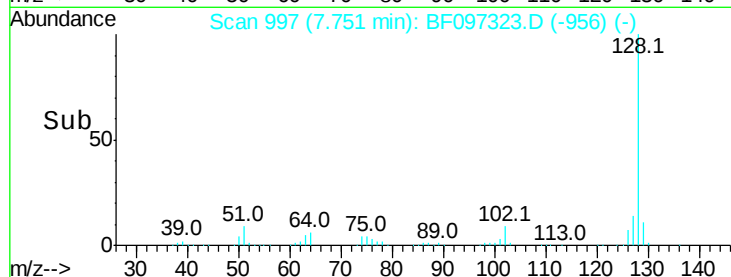
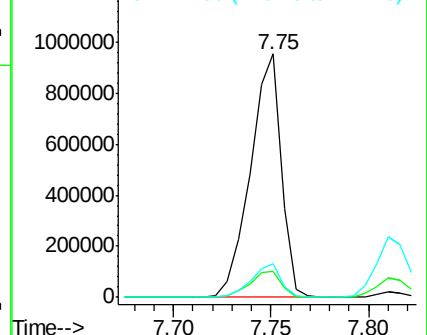
Manual Integrations
APPROVED

Sohil

8/4/2017 5:30:14 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.952 ng

RT: 7.59 min Scan# 969

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

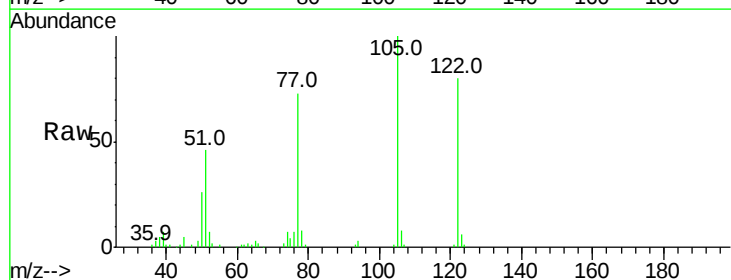
Tgt Ion:122 Resp: 265146

Ion Ratio Lower Upper

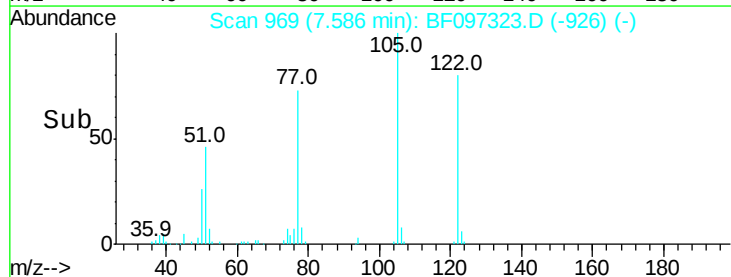
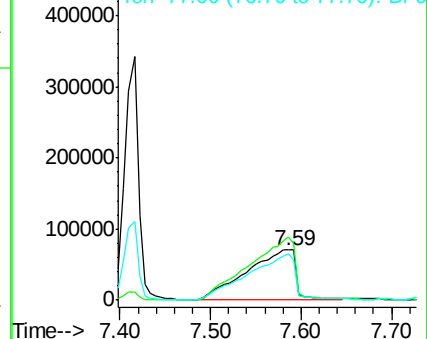
122 100

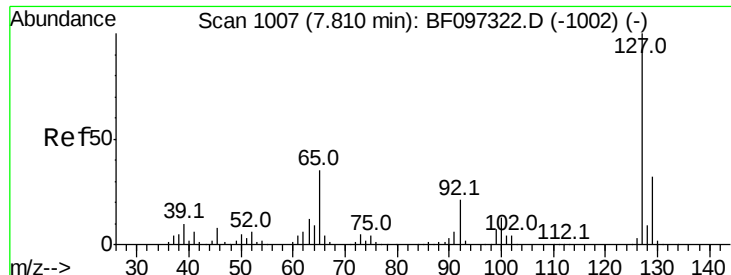
105 125.2 103.3 143.3

77 91.7 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





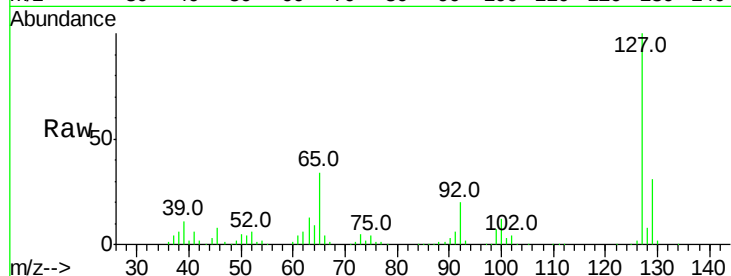
#33
4-Chloroaniline
Concen: 31.898 ng
RT: 7.81 min Scan# 1007
Delta R.T. -0.05 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Instrument :
BNA_F
ClientSampleId :
PB101187BS

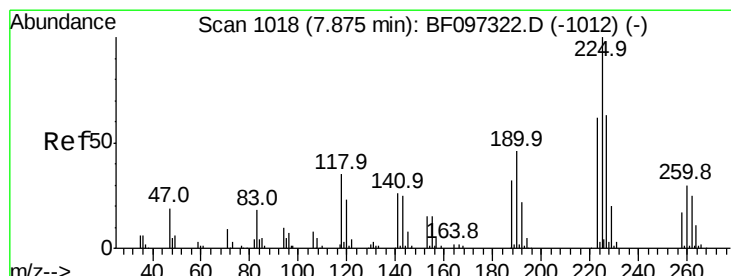
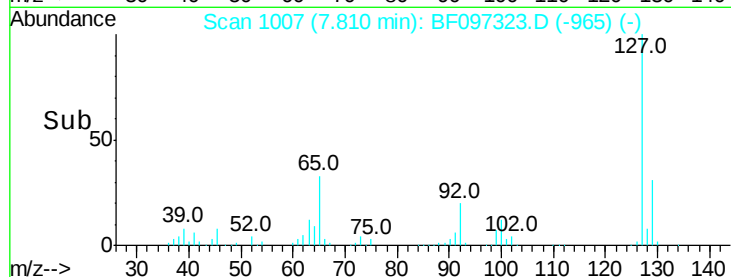
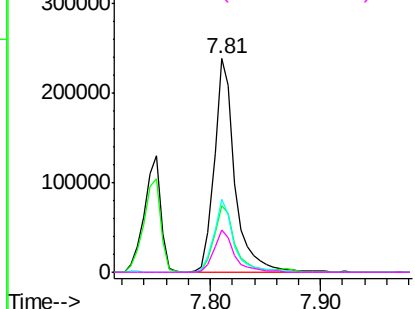
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	26.2	39.2		
65	34.4	27.8	41.8		
92	20.0	16.8	25.2		

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:14 PM

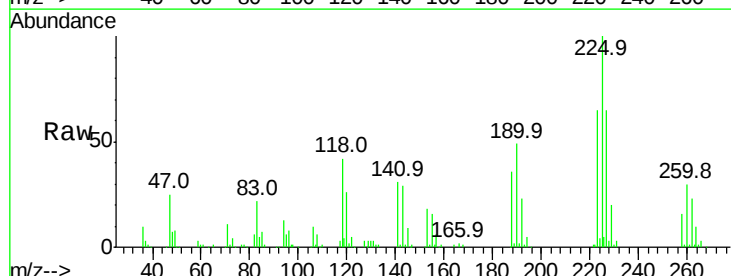


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

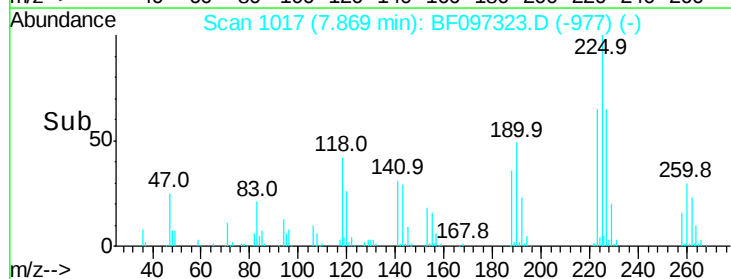
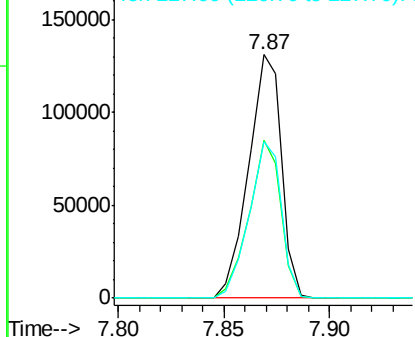


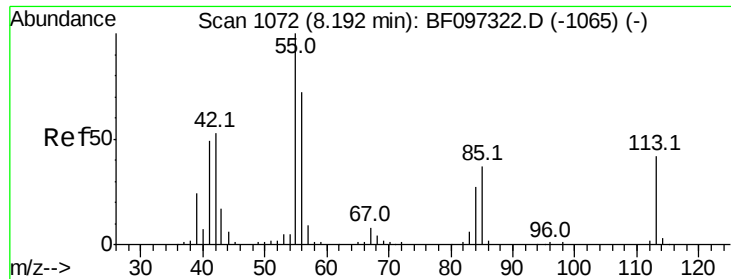
#34
Hexachlorobutadiene
Concen: 41.329 ng
RT: 7.87 min Scan# 1017
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.7	48.8	73.2		
227	64.5	51.1	76.7		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





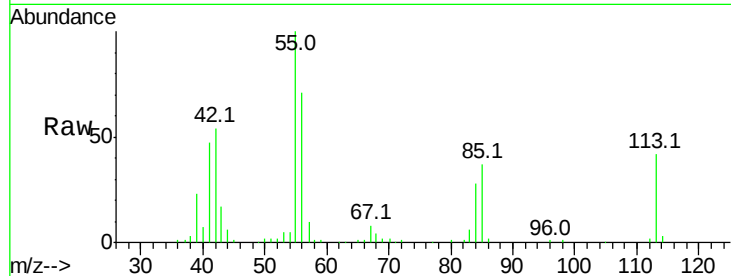
#35
 Caprolactam
 Concen: 52.172 ng/ml
 RT: 8.19 min Scan# 1072
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleID :
 PB101187BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	239.5	150.2	190.2#
56	170.2	107.8	147.8#

Manual Integrations
 APPROVED

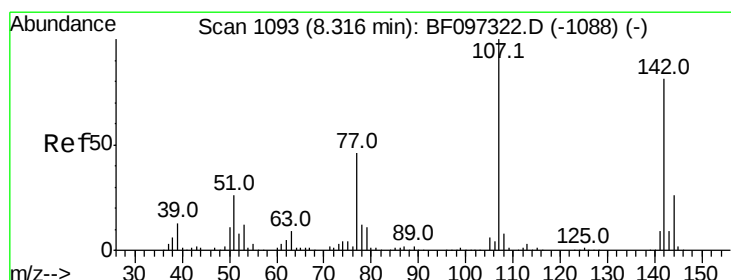
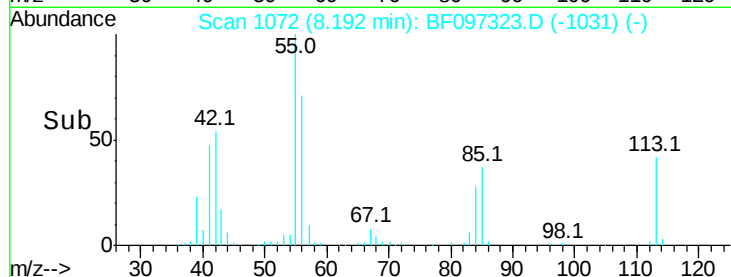
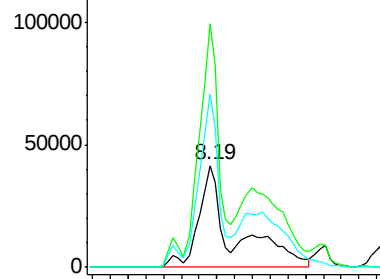
Sohil
 8/4/2017 5:30:14 PM



Abundance Ion 113.00 (112.70 to 113.70): E

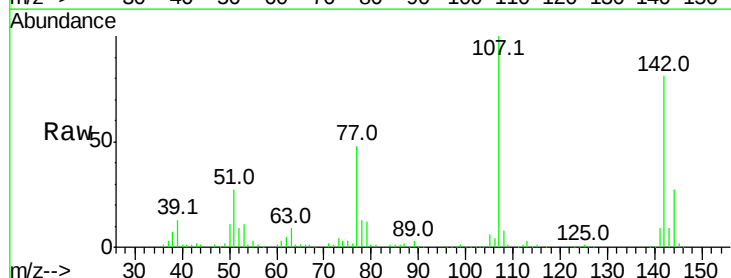
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
 4-Chloro-3-methylphenol
 Concen: 45.171 ng/ml
 RT: 8.32 min Scan# 1094
 Delta R.T. -0.05 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

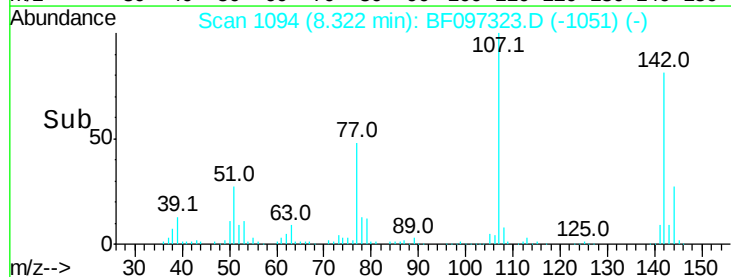
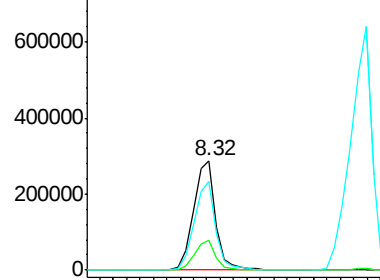
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	24.2	36.4
142	81.0	73.4	110.0

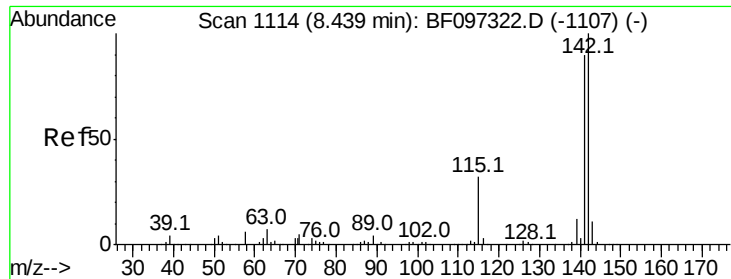


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





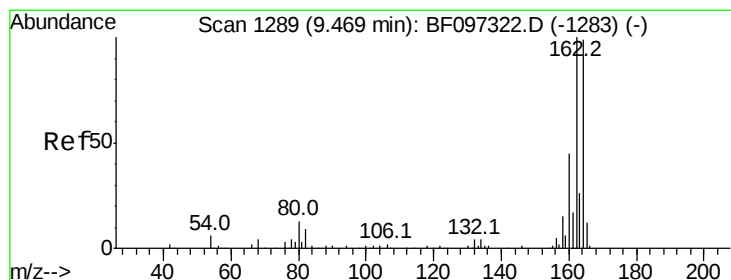
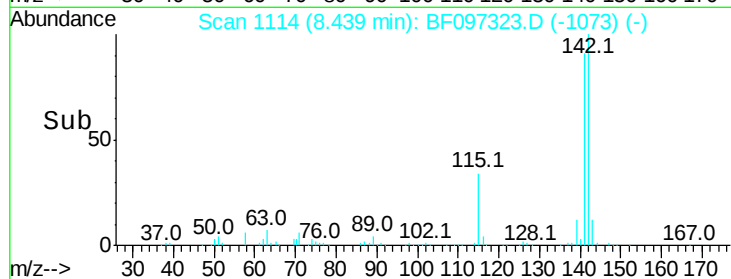
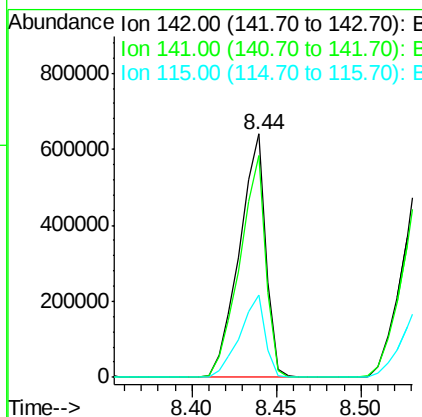
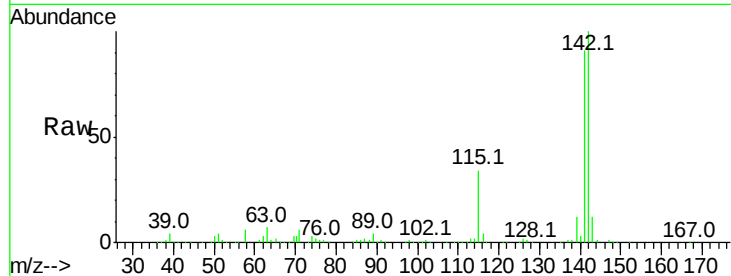
#37
 2-Methylnaphthalene
 Concen: 46.982 ng
 RT: 8.44 min Scan# 1114
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	699090		
141	90.9	71.3	106.9	
115	33.7	27.1	40.7	

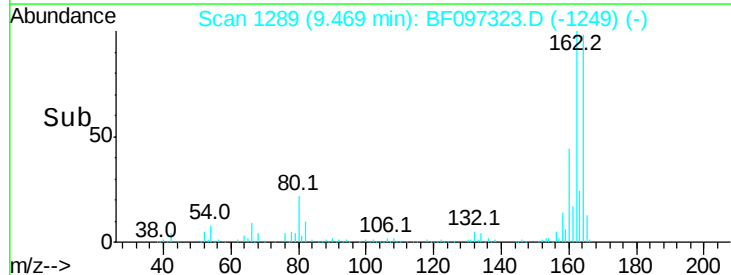
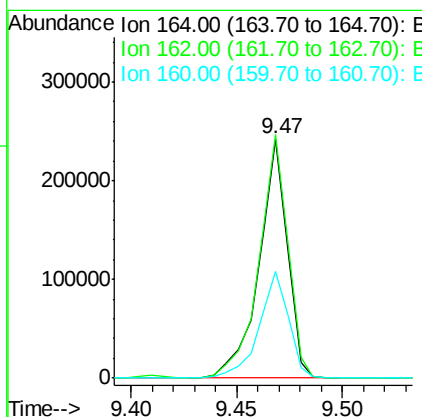
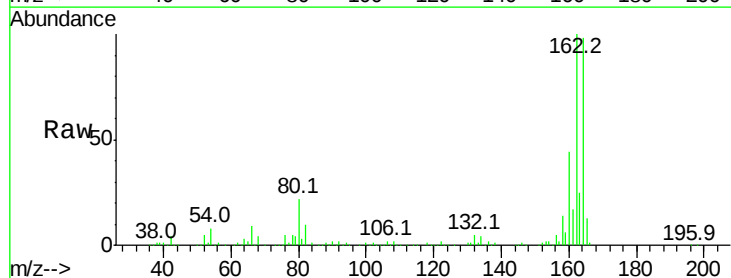
Manual Integrations
 APPROVED

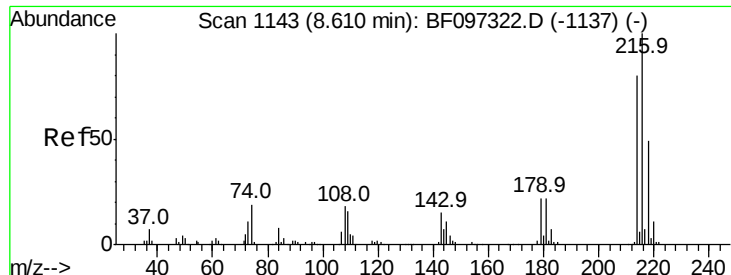
Sohil
 8/4/2017 5:30:14 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1289
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	225773		
162	102.1	82.6	123.8	
160	44.8	36.2	54.2	





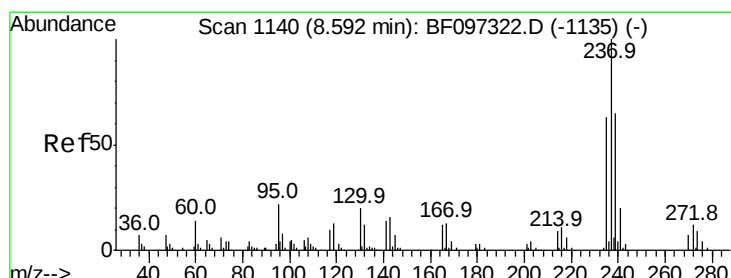
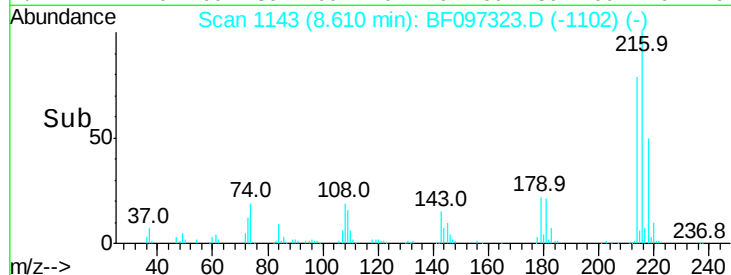
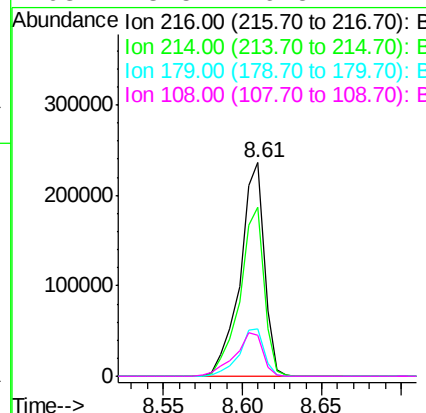
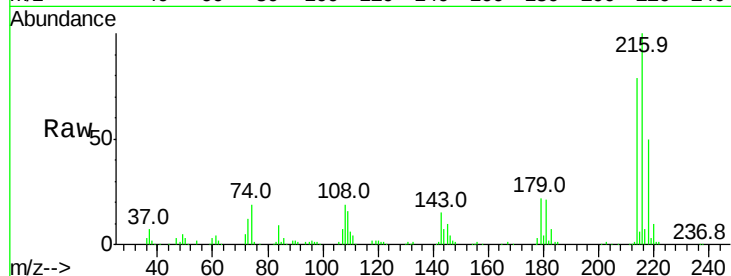
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.557 ng
 RT: 8.61 min Scan# 1143
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	250347		
214	78.9		63.4	95.2
179	22.9		17.9	26.9
108	23.5		16.5	24.7

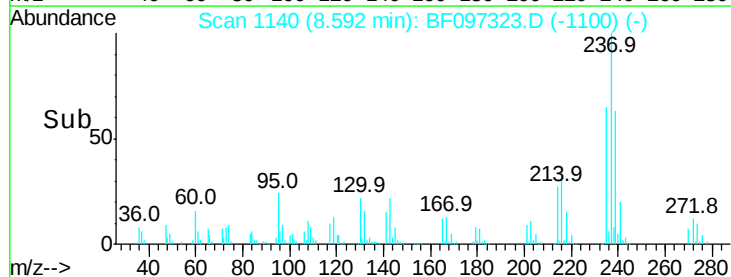
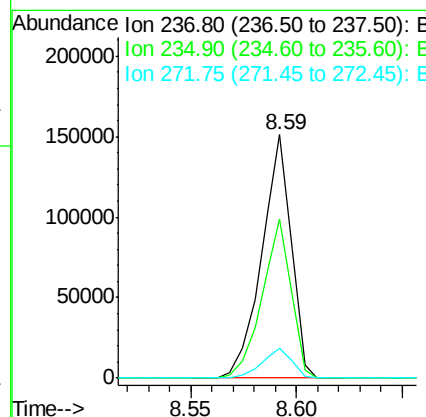
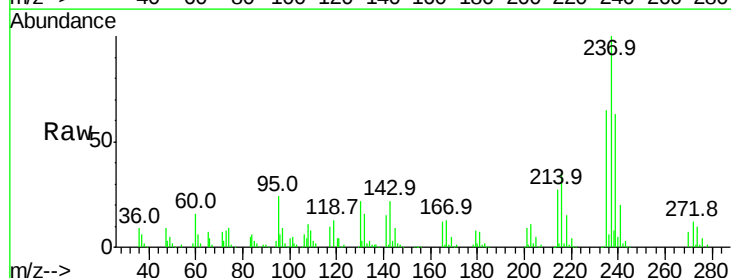
Manual Integrations
 APPROVED

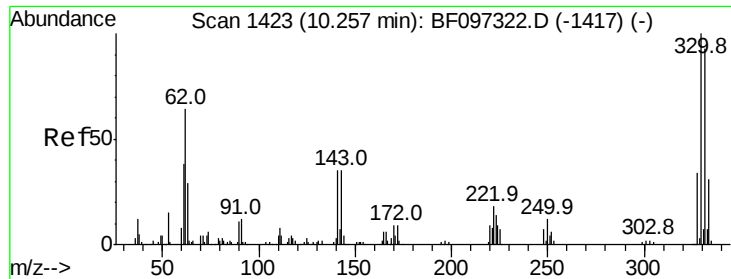
Sohil
 8/4/2017 5:30:14 PM



#40
 Hexachlorocyclopentadiene
 Concen: 70.450 ng
 RT: 8.59 min Scan# 1140
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	146602		
235	65.3		42.6	82.6
272	12.1		0.0	31.9





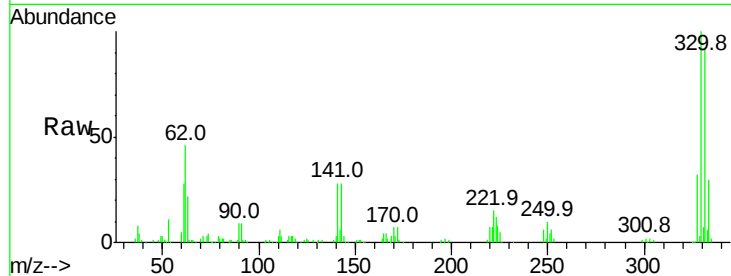
#41
 2,4,6-Tribromophenol
 Concen: 119.878 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	213841		
332	95.4	76.6	115.0	
141	38.5	31.4	47.2	

Manual Integrations
 APPROVED

Sohil
 8/4/2017 5:30:14 PM

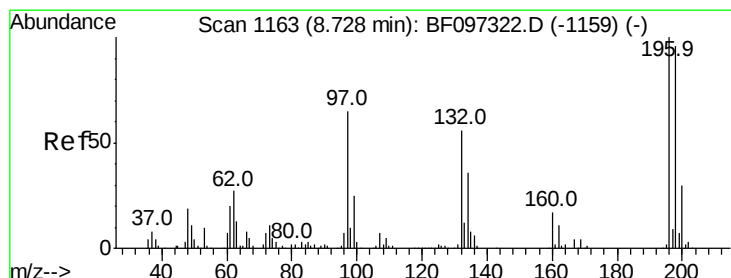
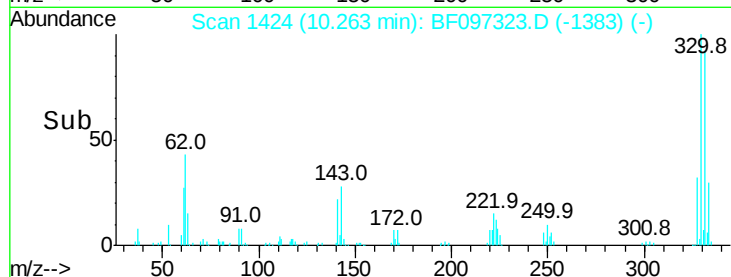
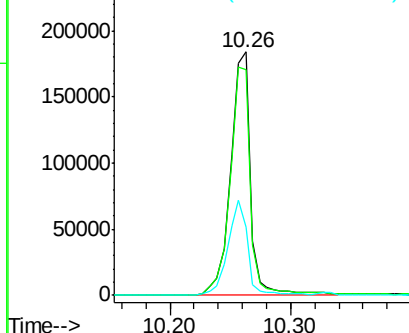


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.272 ng
 RT: 8.73 min Scan# 1163
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

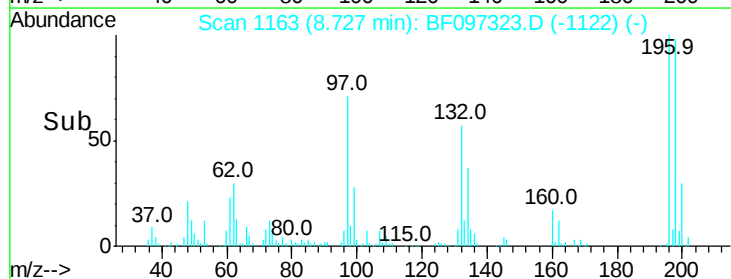
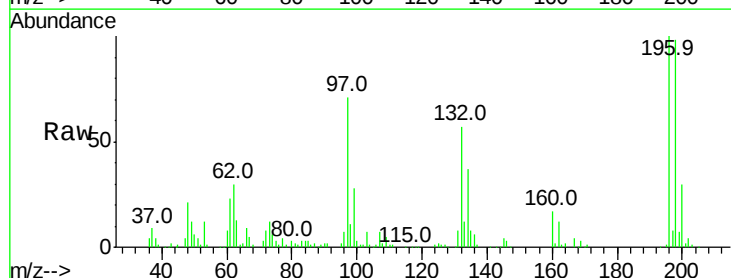
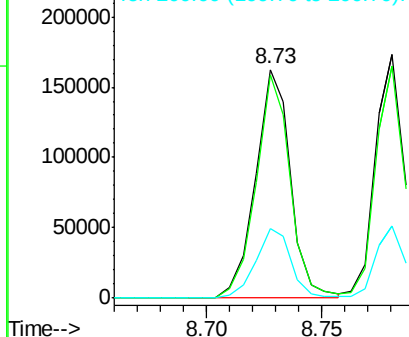
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171446		
198	97.6	74.2	111.4	
200	30.5	24.0	36.0	

Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





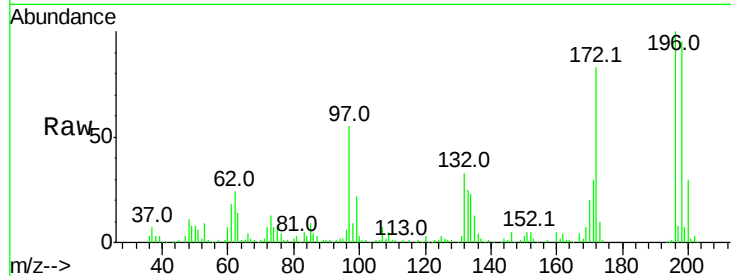
#43
 2,4,5-Trichlorophenol
 Concen: 39.884 ng
 RT: 8.78 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

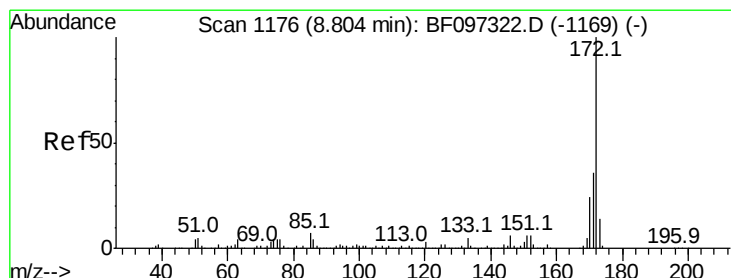
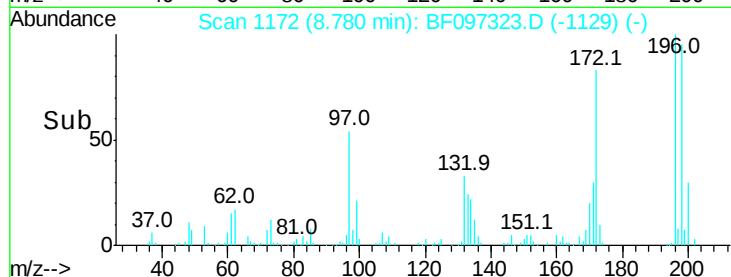
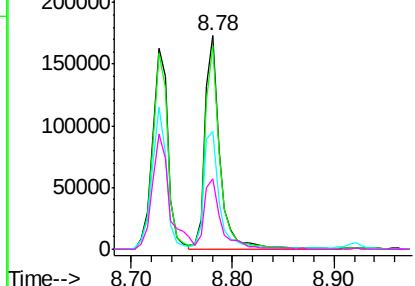
Tot Ion:	196	Resp:	174276
Ion Ratio	Lower	Upper	
196	100		
198	95.3	75.7	113.5
97	54.9	47.7	71.5
132	32.9	28.0	42.0

Manual Integrations
 APPROVED

Sohil
 8/4/2017 5:30:14 PM



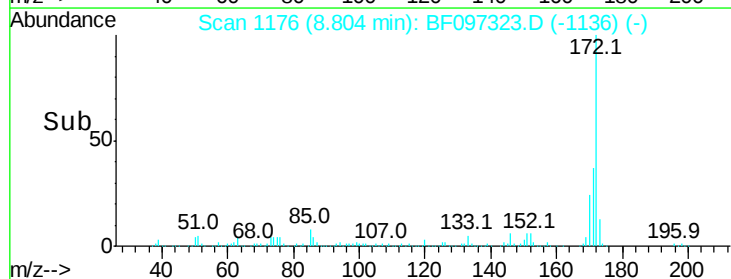
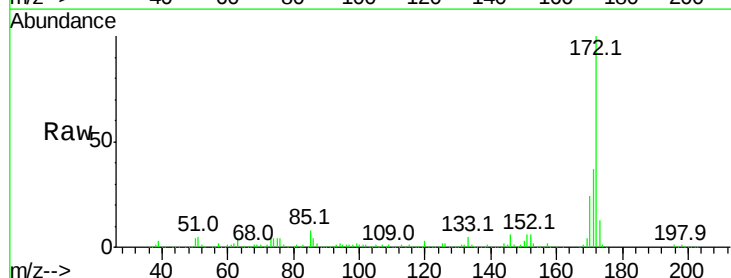
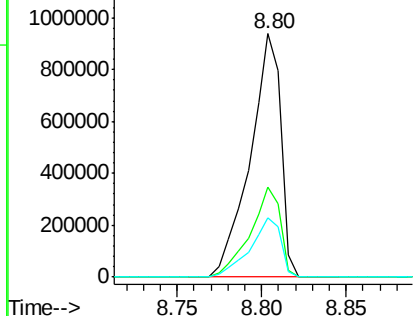
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

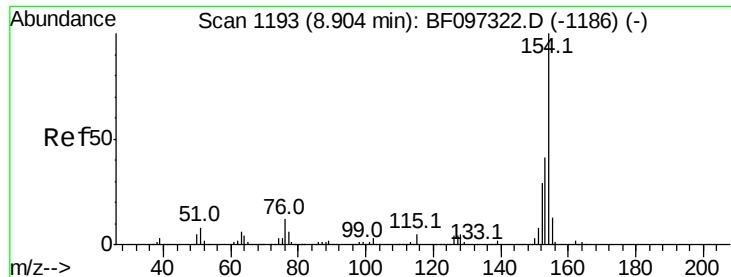


#44
 2-Fluorobiphenyl
 Concen: 89.138 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion:	172	Resp:	1185845
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.6	44.4
170	24.3	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.268 ng

RT: 8.90 min Scan# 1193

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

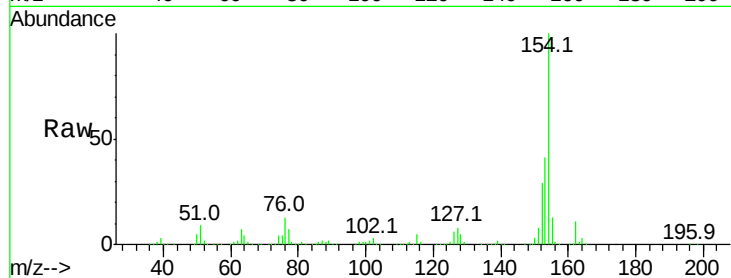
ClientSampleId :

PB101187BS

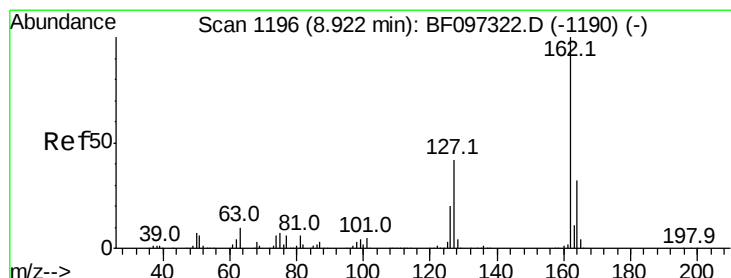
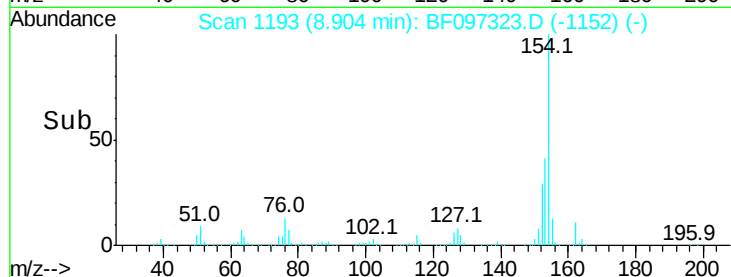
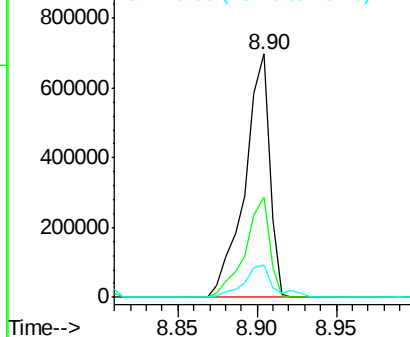
Tot Ion:	154	Resp:	757257
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.2	61.2
76	13.2	0.0	29.9

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:14 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.892 ng

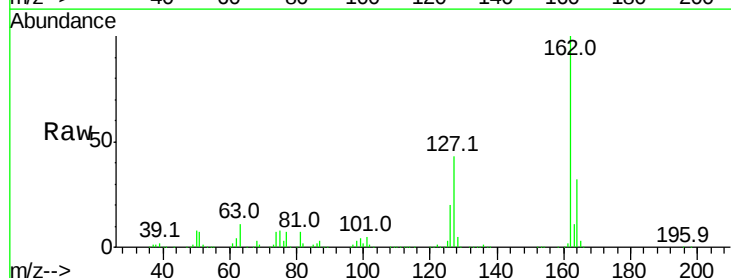
RT: 8.92 min Scan# 1196

Delta R.T. -0.06 min

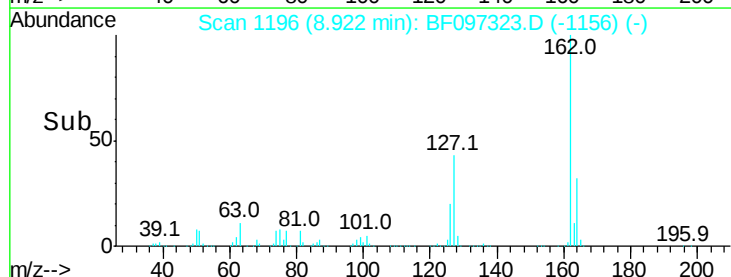
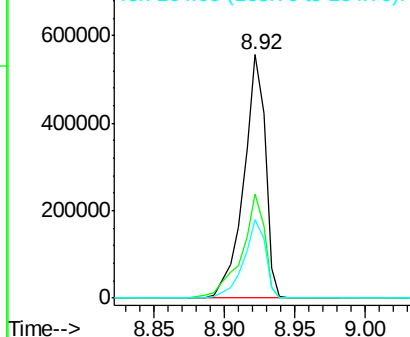
Lab File: BF097323.D

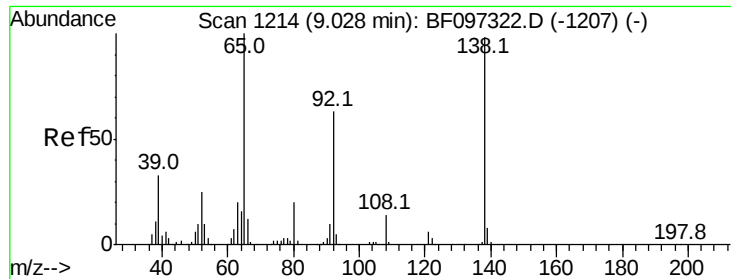
Acq: 3 Aug 2017 18:15

Tgt Ion:	162	Resp:	594487
Ion Ratio	Lower	Upper	
162	100		
127	42.7	28.3	42.5#
164	32.0	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





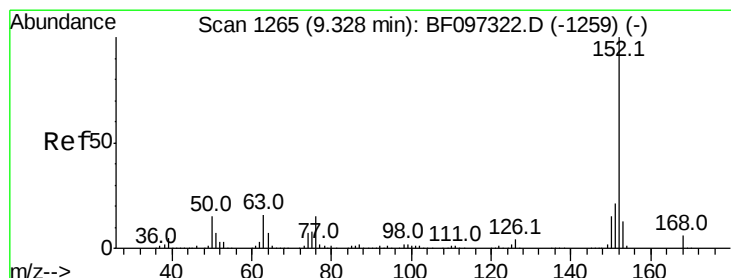
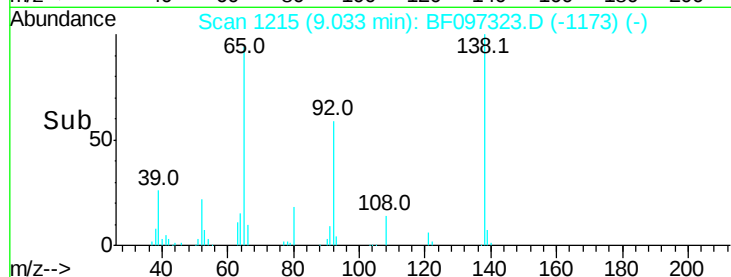
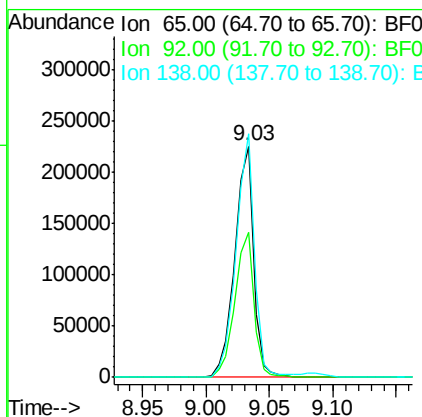
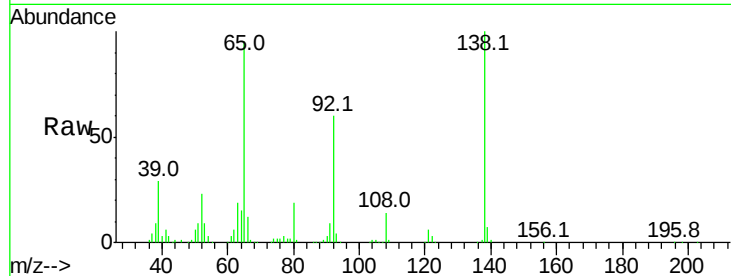
#47
2-Nitroaniline
Concen: 44.696 ng
RT: 9.03 min Scan# 1215
Delta R.T. -0.05 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Instrument :
BNA_F
ClientSampleId :
PB101187BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.7	53.9	80.9
138	105.4	78.8	118.2

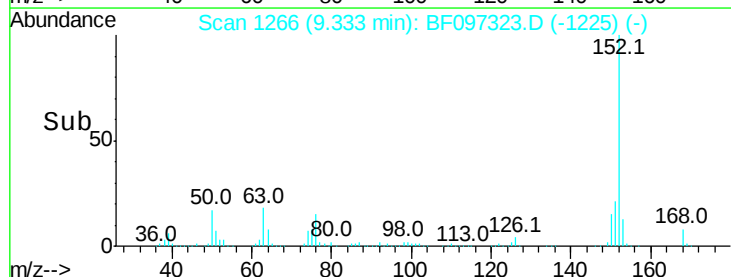
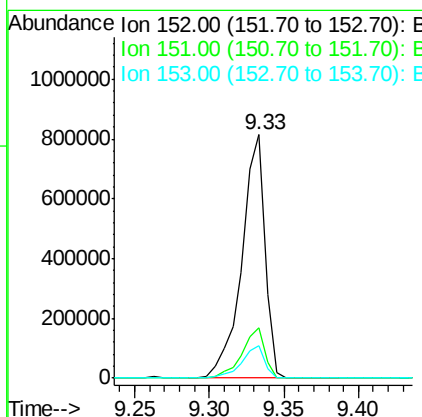
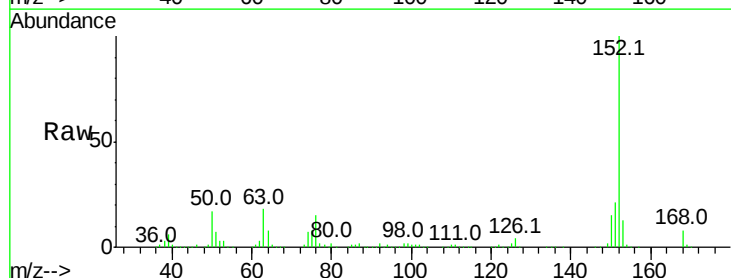
Manual Integrations
APPROVED

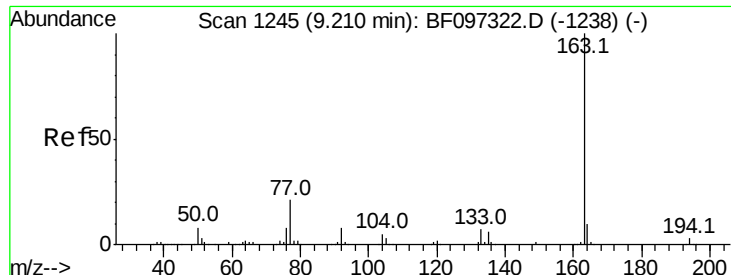
Sohil
8/4/2017 5:30:14 PM



#48
Acenaphthylene
Concen: 40.347 ng
RT: 9.33 min Scan# 1266
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.2	10.8	16.2





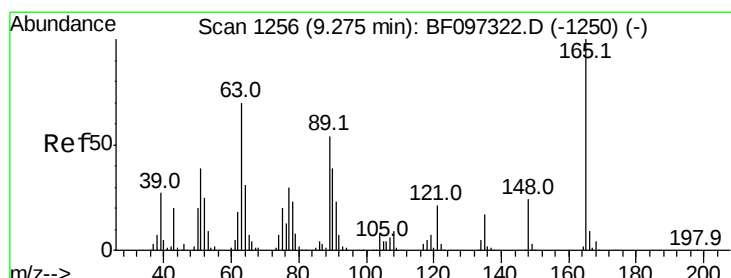
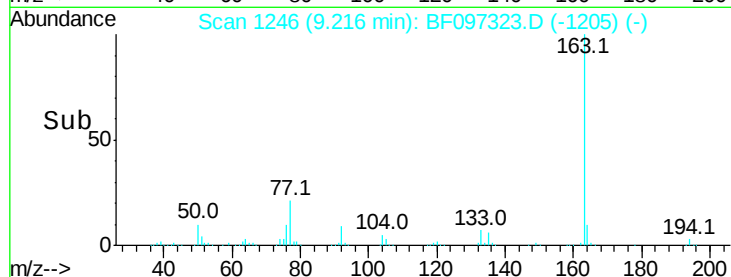
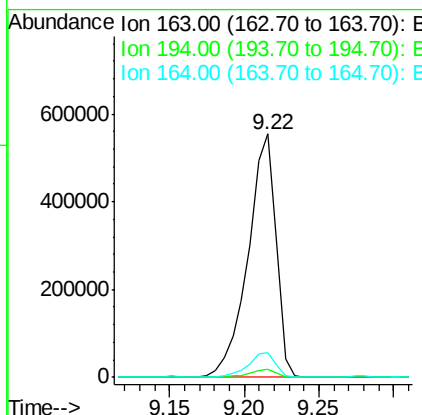
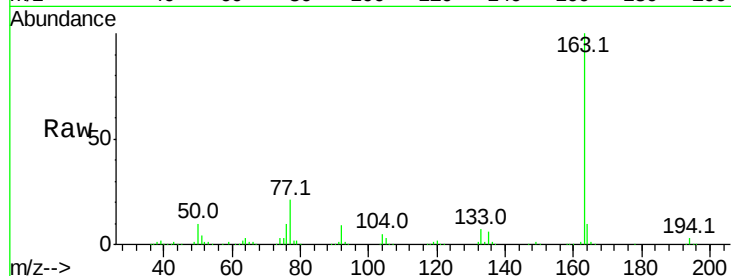
#49
Dimethylphthalate
Concen: 41.785 ng
RT: 9.22 min Scan# 1246
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Instrument :
BNA_F
ClientSampleId :
PB101187BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.6	4.0	
164	10.2	8.4	12.6	

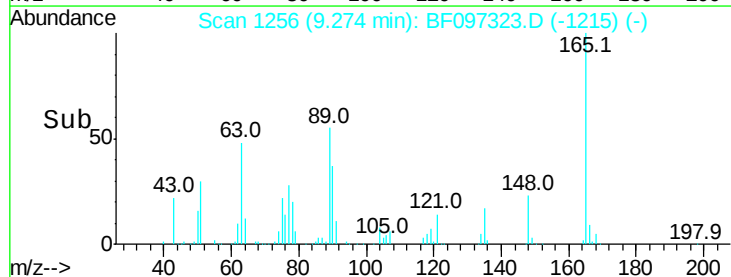
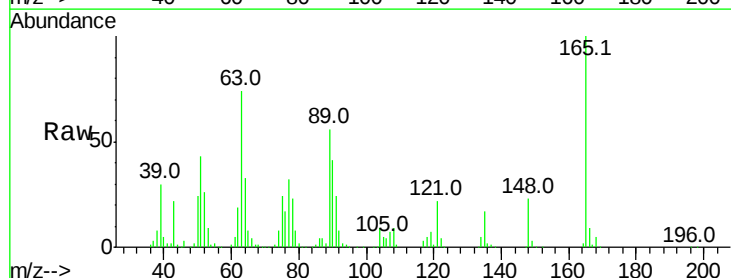
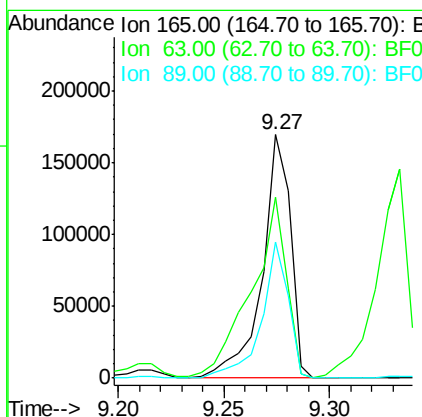
Manual Integrations
APPROVED

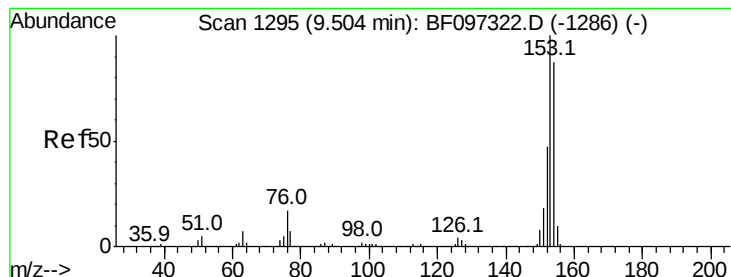
Sohil
8/4/2017 5:30:14 PM



#50
2,6-Dinitrotoluene
Concen: 43.381 ng
RT: 9.27 min Scan# 1256
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	74.1	34.3	51.5#	
89	55.9	37.1	55.7#	





#51

Acenaphthene

Concen: 43.705 ng

RT: 9.50 min Scan# 1295

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

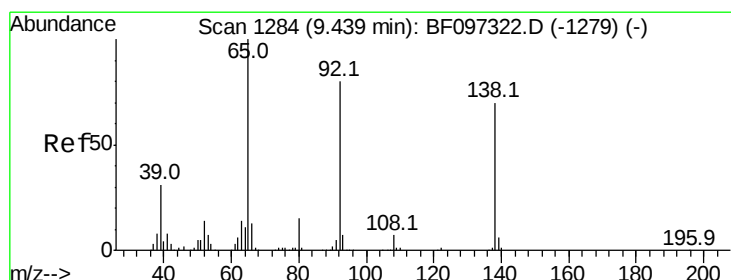
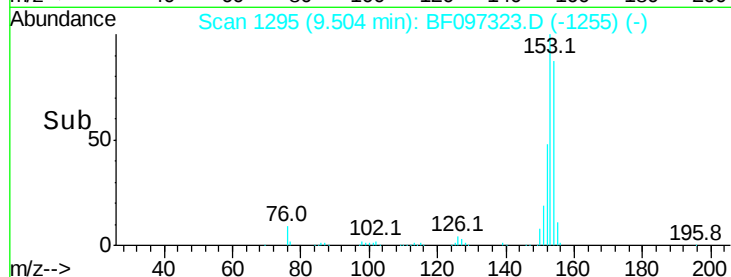
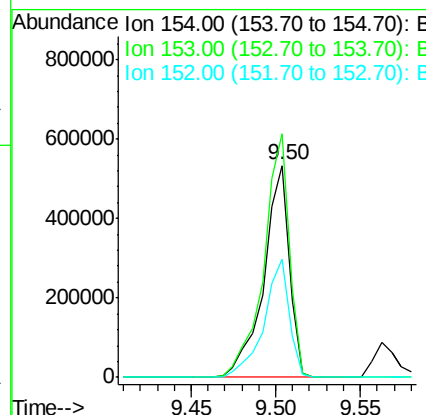
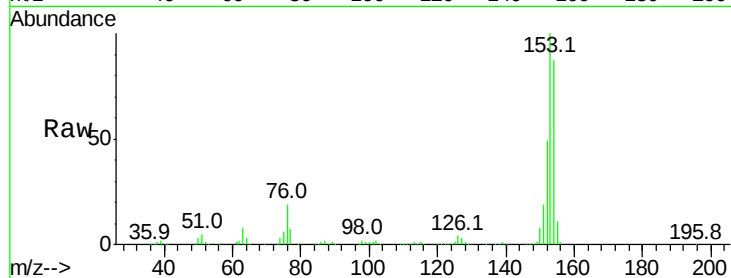
ClientSampleId :

PB101187BS

Tot Ion:	154	Resp:	560756
Ion Ratio	Lower	Upper	
154	100		
153	114.8	90.5	135.7
152	55.7	43.6	65.4

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:14 PM



#52

3-Nitroaniline

Concen: 28.124 ng

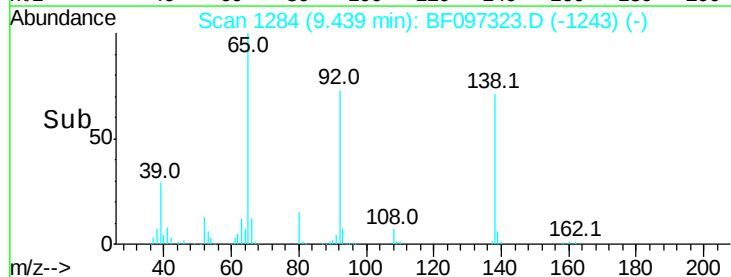
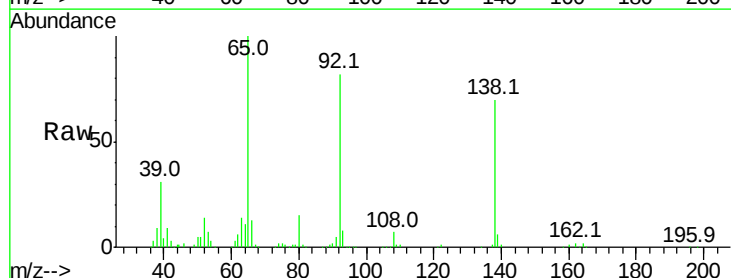
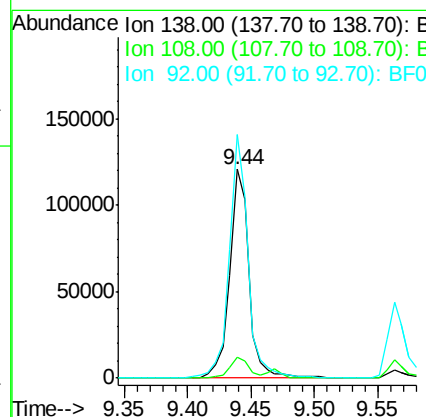
RT: 9.44 min Scan# 1284

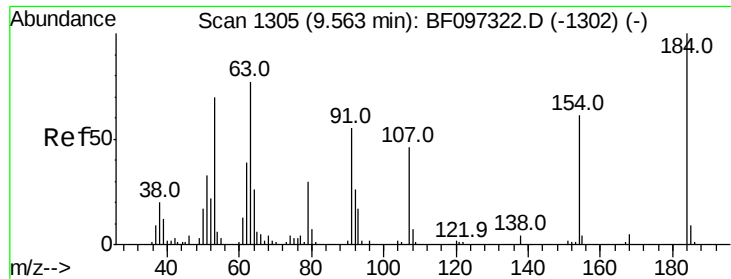
Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Tgt Ion:	138	Resp:	126938
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.1	13.7
92	116.8	93.8	140.6





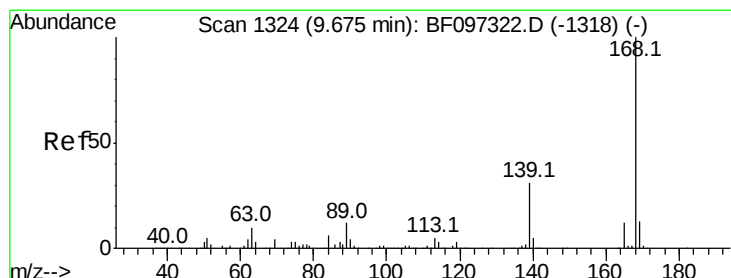
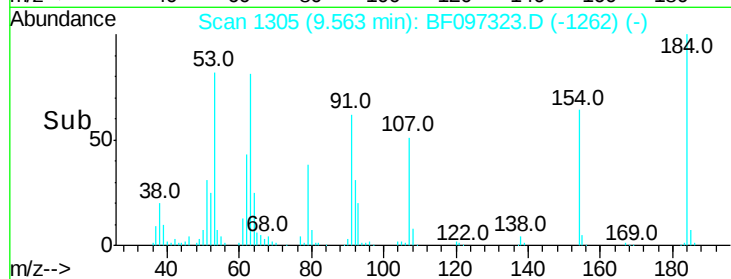
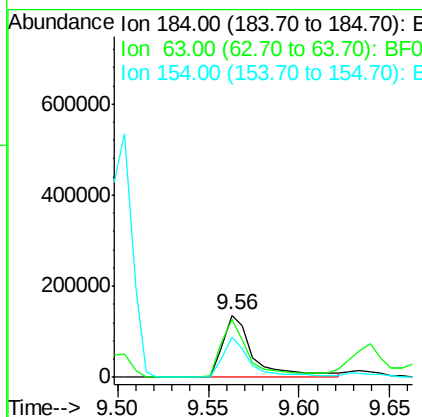
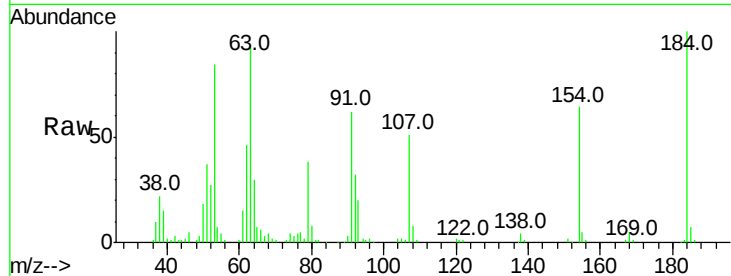
#53
 2,4-Dinitrophenol
 Concen: 97.127 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. -0.05 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	160585		
63	92.6	62.7	94.1	
154	64.2	81.1	121.7	

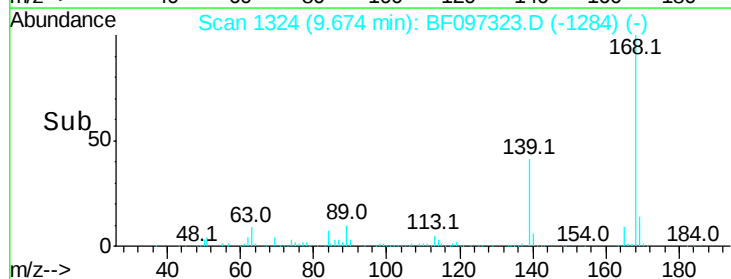
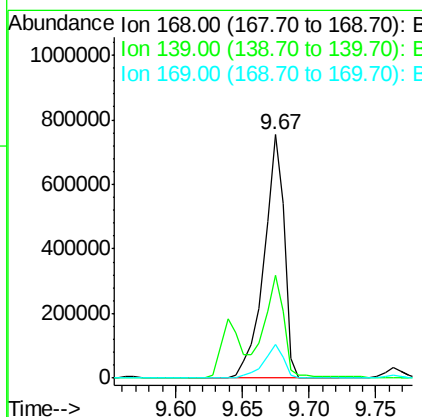
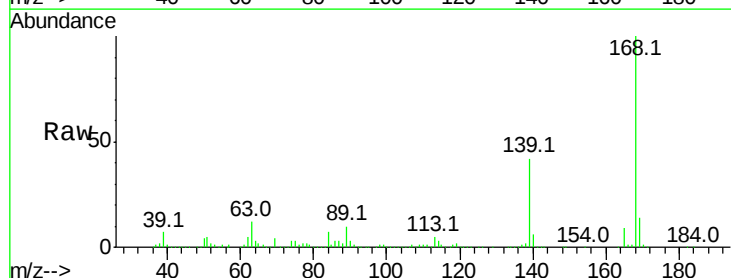
Manual Integrations
 APPROVED

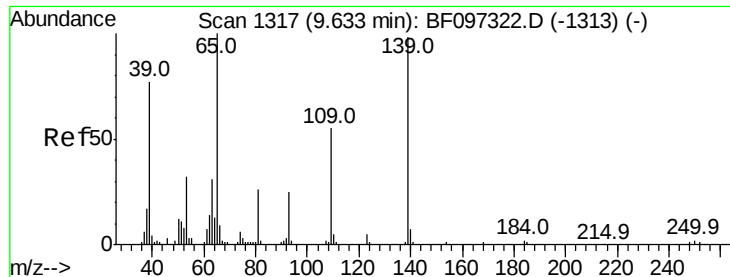
Sohil
 8/4/2017 5:30:14 PM



#54
 Dibenzofuran
 Concen: 46.176 ng
 RT: 9.67 min Scan# 1324
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	789145		
139	42.2	30.6	45.8	
169	14.0	10.8	16.2	





#55

4-Nitrophenol

Concen: 75.931 ng

RT: 9.64 min Scan# 1318

Delta R.T. -0.04 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

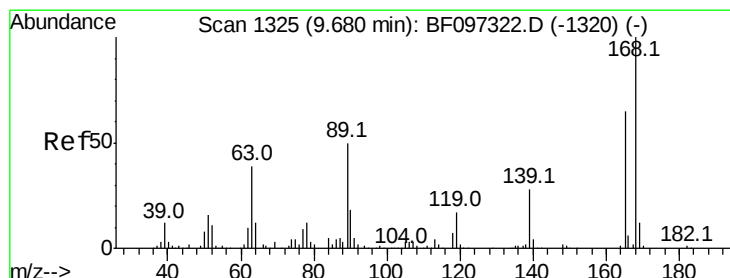
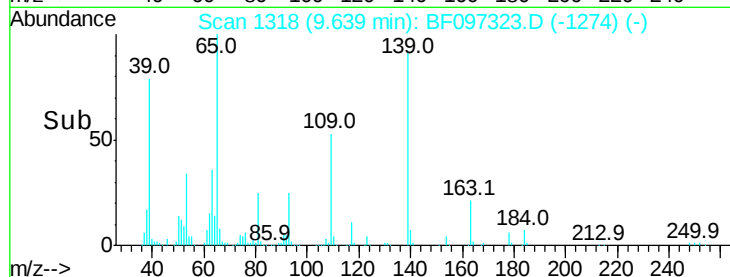
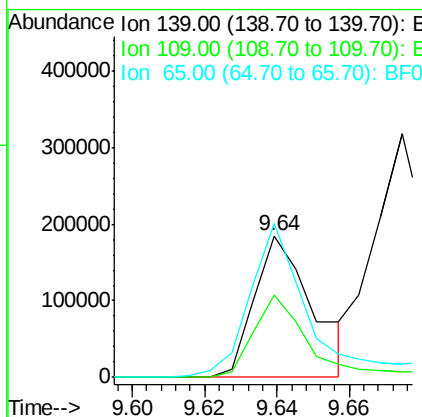
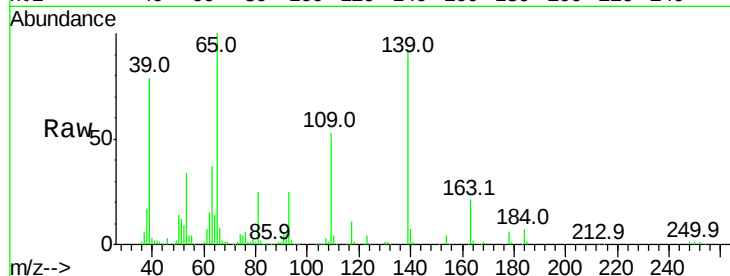
ClientSampleId :

PB101187BS

Tot Ion:	139	Resp:	203808
Ion Ratio	Lower	Upper	
139	100		
109	58.0	34.1	74.1
65	108.4	31.4	71.4#

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:14 PM



#56

2,4-Dinitrotoluene

Concen: 45.896 ng

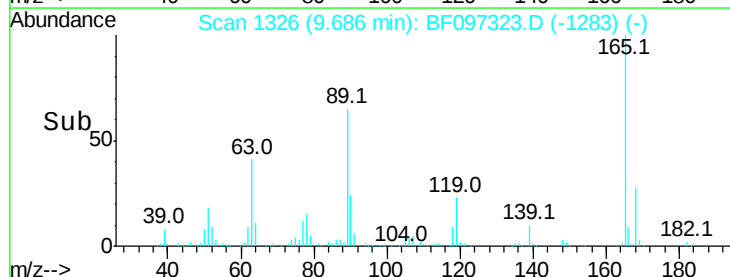
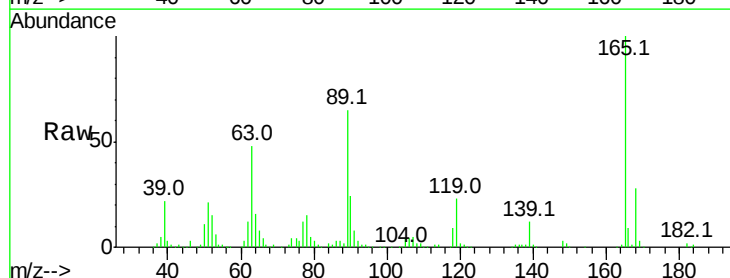
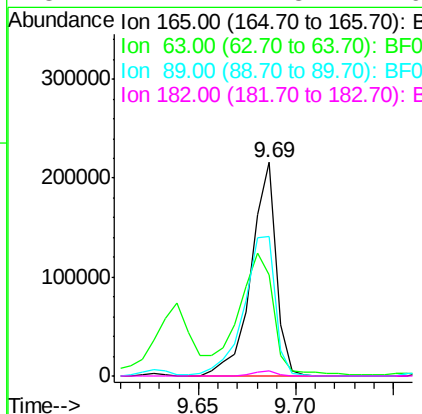
RT: 9.69 min Scan# 1326

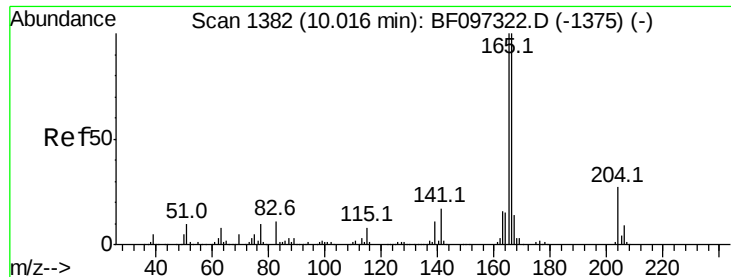
Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Tgt Ion:	165	Resp:	191858
Ion Ratio	Lower	Upper	
165	100		
63	47.7	25.4	38.0#
89	65.3	46.4	69.6
182	2.2	1.8	2.6





#57

Fluorene

Concen: 42.219 ng

RT: 10.02 min Scan# 1382

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

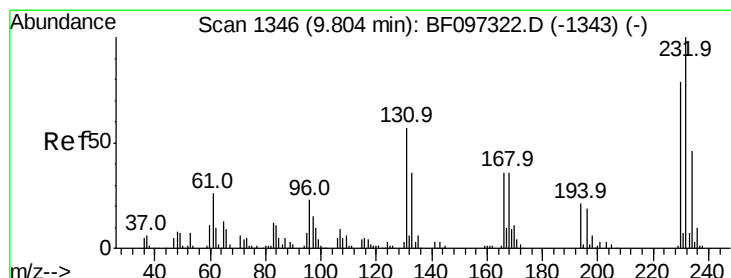
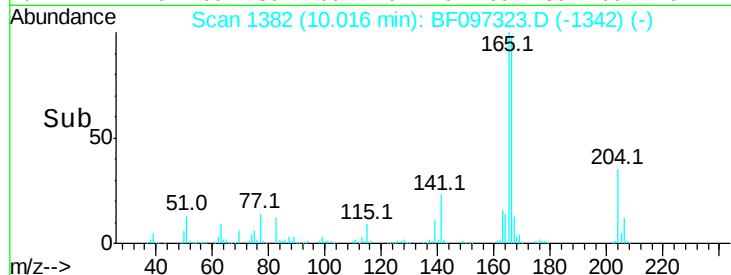
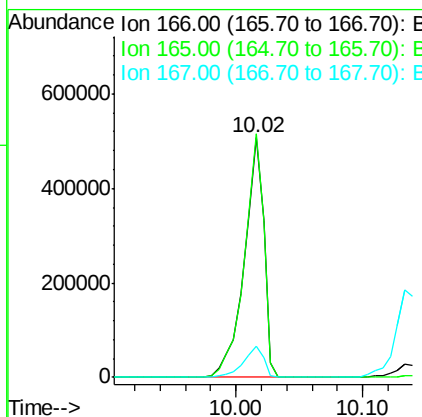
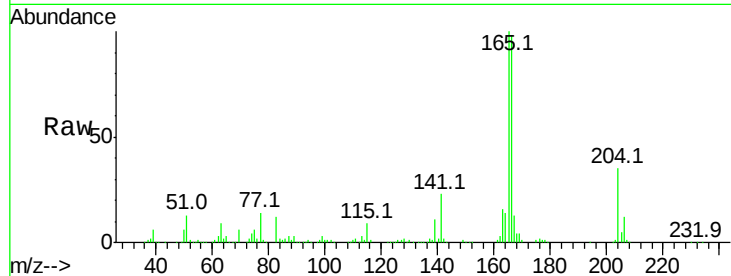
ClientSampleId :

PB101187BS

Tot Ion:	166	Resp:	542283
Ion Ratio	Lower	Upper	
166	100		
165	101.6	78.8	118.2
167	13.2	10.6	16.0

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:14 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.367 ng

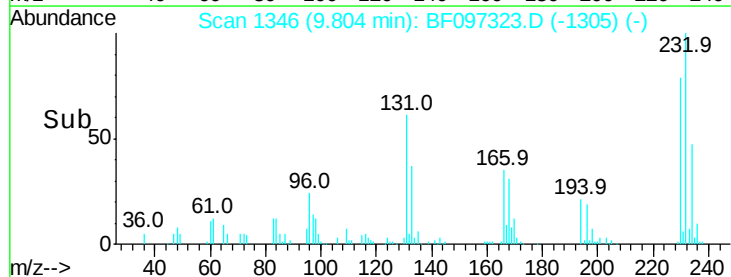
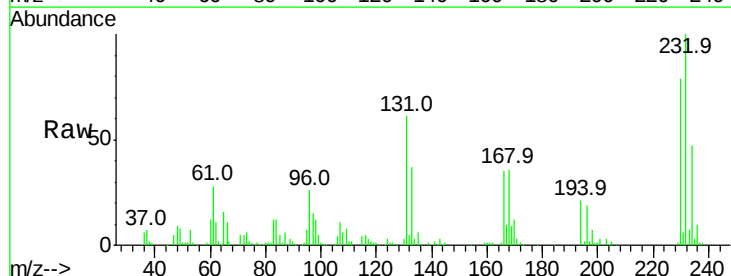
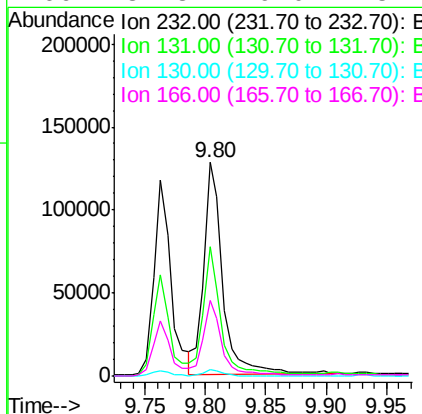
RT: 9.80 min Scan# 1346

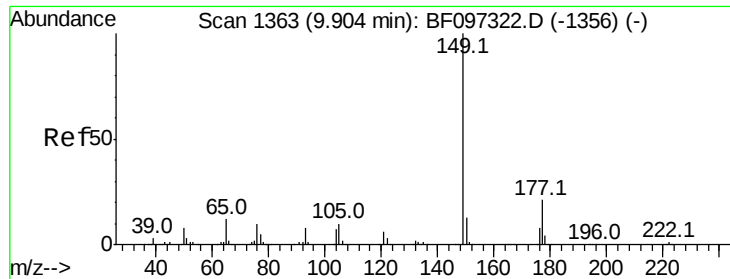
Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Tgt Ion:	232	Resp:	139891
Ion Ratio	Lower	Upper	
232	100		
131	60.6	44.8	67.2
130	2.6	2.3	3.5
166	34.3	29.0	43.4





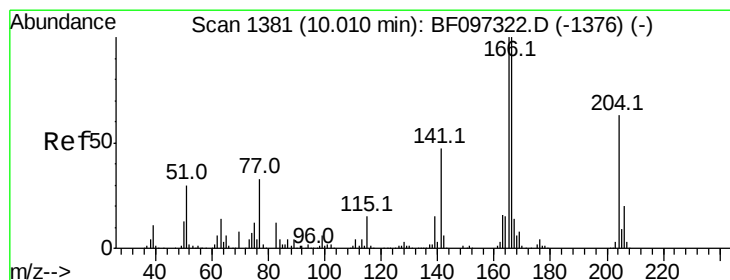
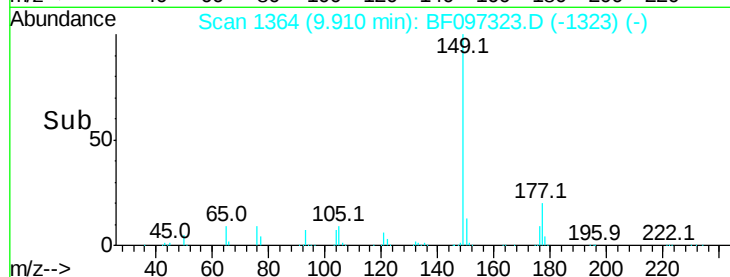
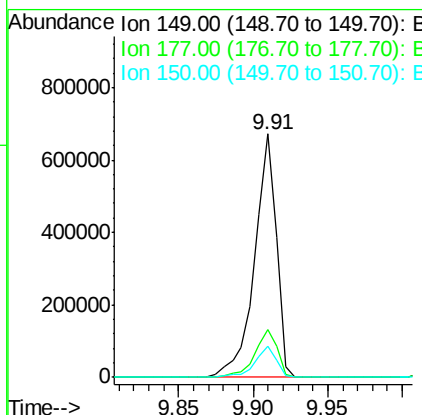
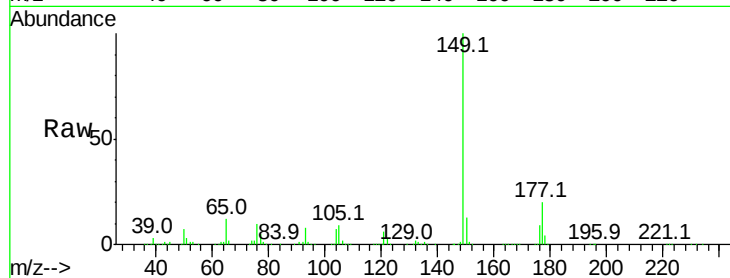
#59
 Diethylphthalate
 Concen: 42.713 ng
 RT: 9.91 min Scan# 1364
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Tot Ion:	149	Resp:	671845
Ion Ratio	Lower	Upper	
149	100		
177	19.9	16.7	25.1
150	12.7	10.2	15.2

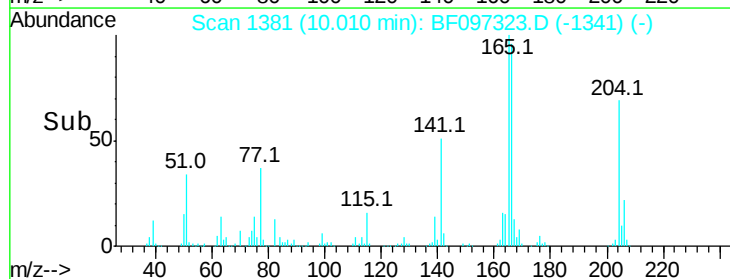
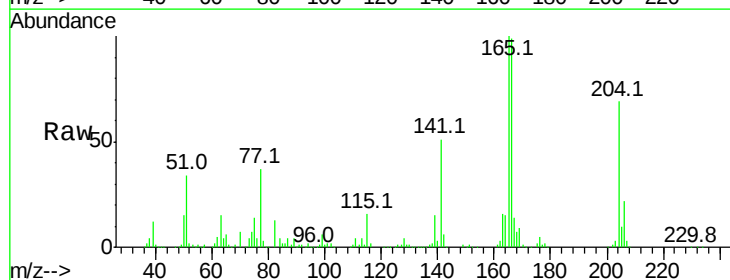
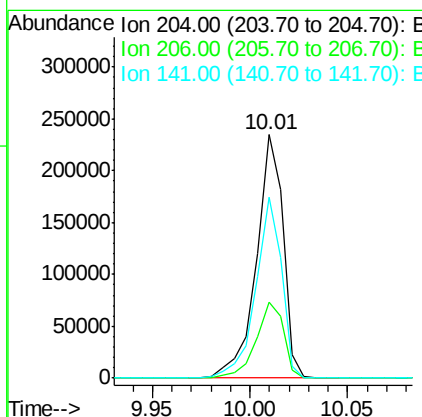
Manual Integrations
 APPROVED

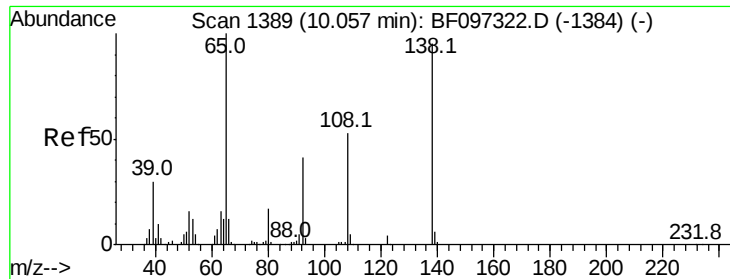
Sohil
 8/4/2017 5:30:14 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 42.060 ng
 RT: 10.01 min Scan# 1381
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion:	204	Resp:	223089
Ion Ratio	Lower	Upper	
204	100		
206	31.4	26.2	39.2
141	74.1	60.8	91.2





#61

4-Nitroaniline

Concen: 37.907 ng

RT: 10.06 min Scan# 1389

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

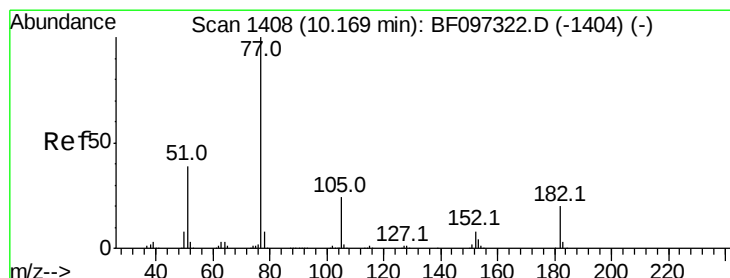
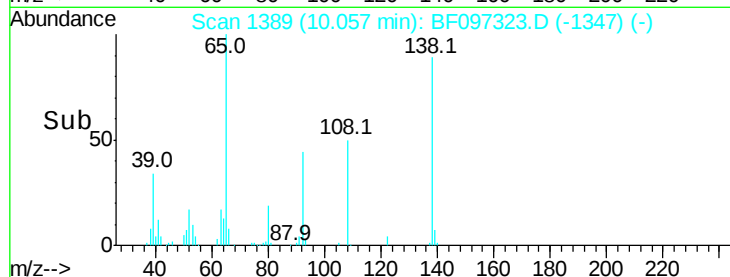
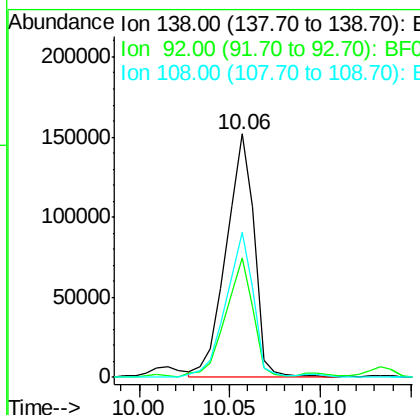
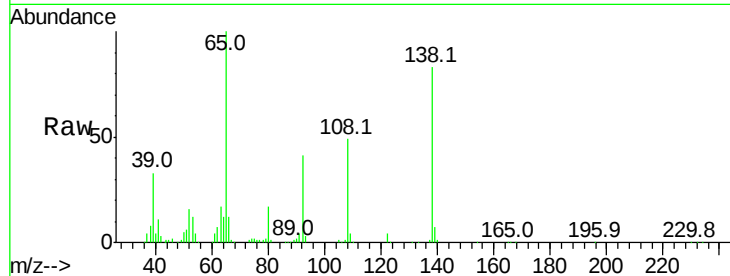
ClientSampleId :

PB101187BS

Tot Ion:	138	Resp:	162571
Ion Ratio	Lower	Upper	
138	100		
92	49.2	21.8	61.8
108	59.6	42.3	82.3

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:14 PM



#62

Azobenzene

Concen: 45.535 ng

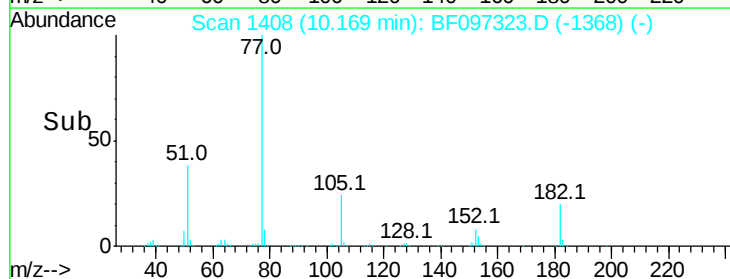
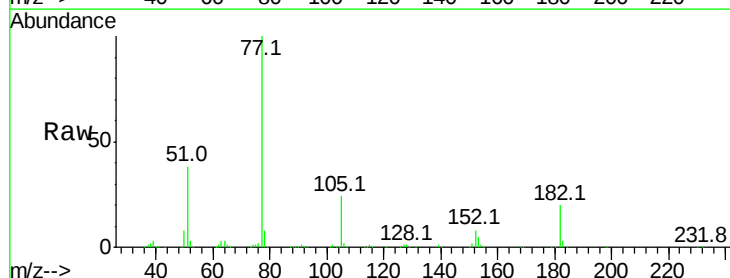
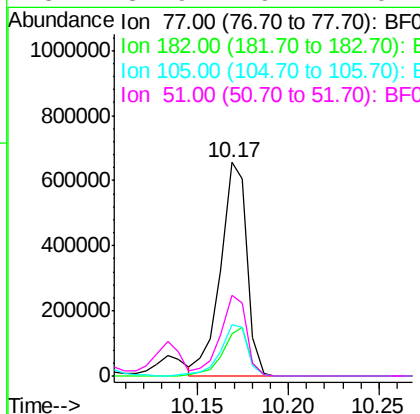
RT: 10.17 min Scan# 1408

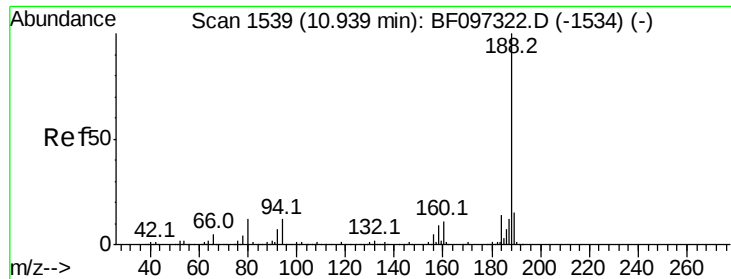
Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Tgt Ion:	77	Resp:	664439
Ion Ratio	Lower	Upper	
77	100		
182	19.9	0.1	40.1
105	23.9	3.6	43.6
51	37.9	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.94 min Scan# 1539

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

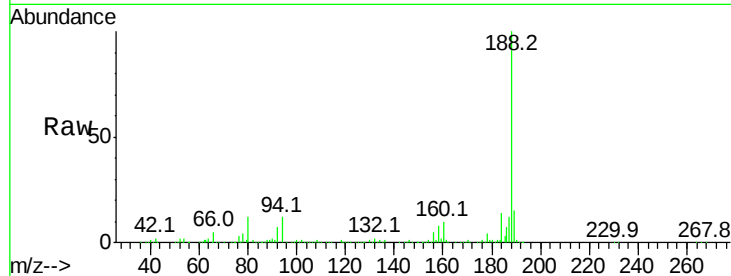
ClientSampled :

PB101187BS

Tot Ion:188	Resp:	365451
Ion Ratio	Lower	Upper
188 100		
94 12.0	9.4	14.2
80 12.1	10.2	15.2

Manual Integrations
APPROVED

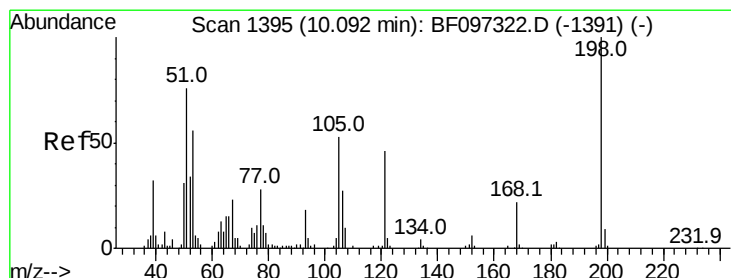
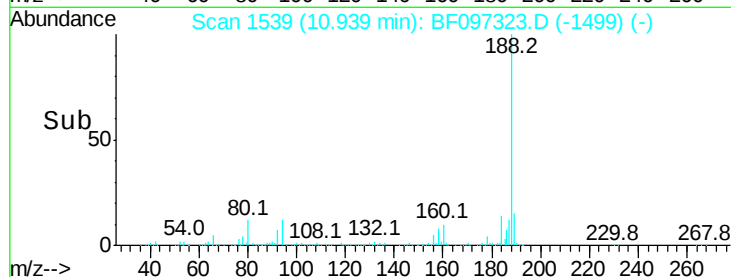
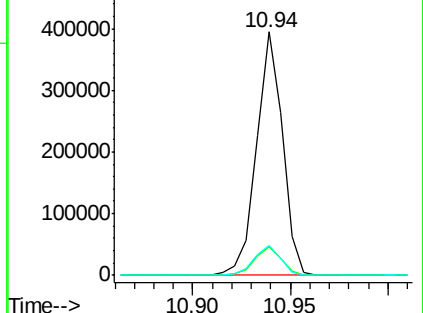
Sohil
8/4/2017 5:30:14 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 45.317 ng

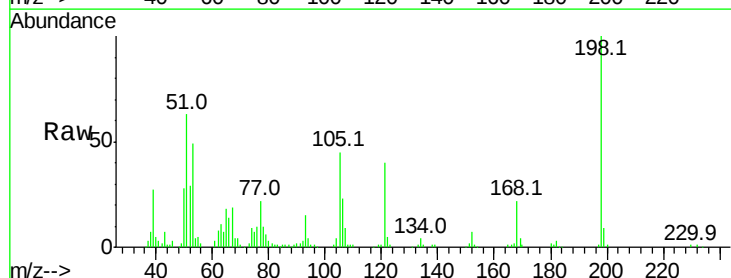
RT: 10.10 min Scan# 1396

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

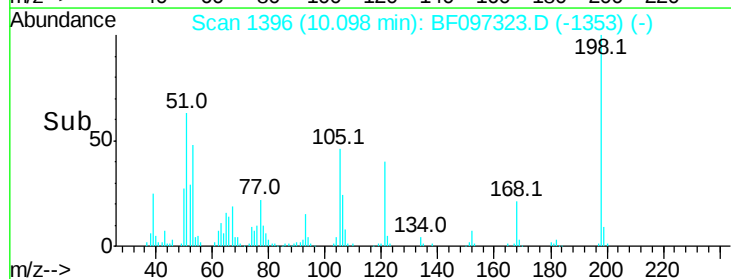
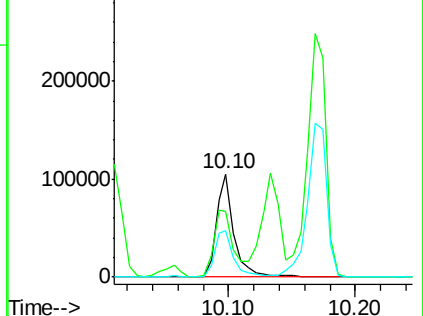
Tgt Ion:198	Resp:	102910
Ion Ratio	Lower	Upper
198 100		
51 63.3	53.2	93.2
105 45.4	45.8	85.8#

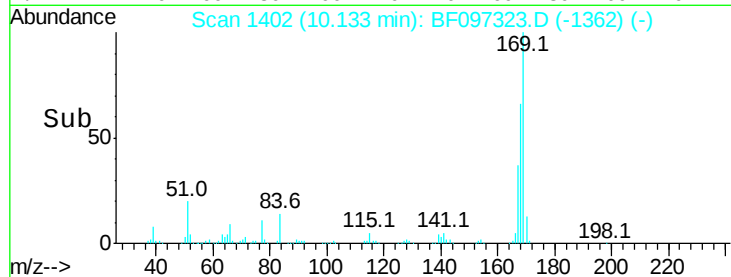
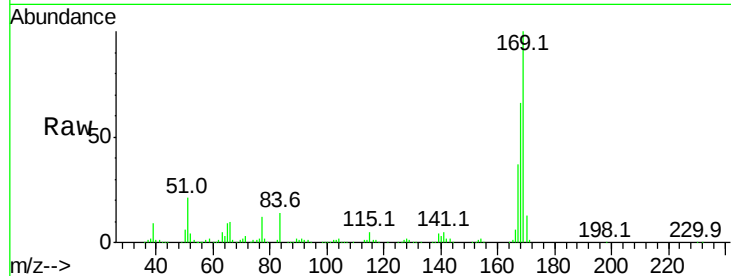
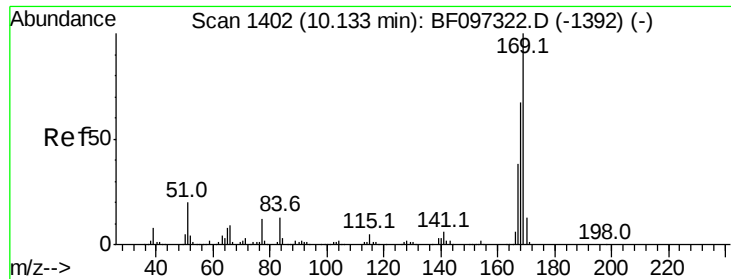


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





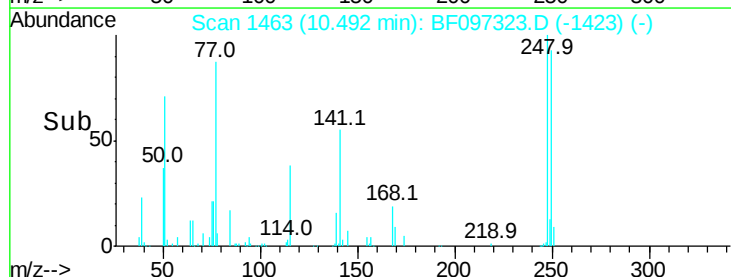
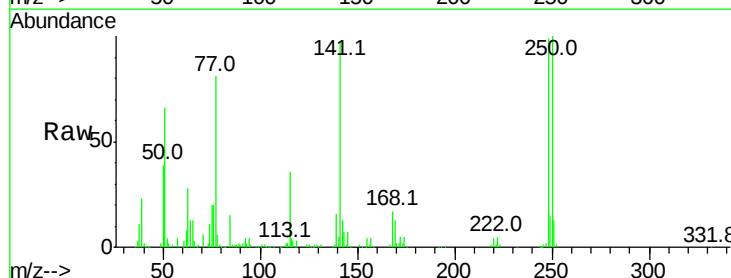
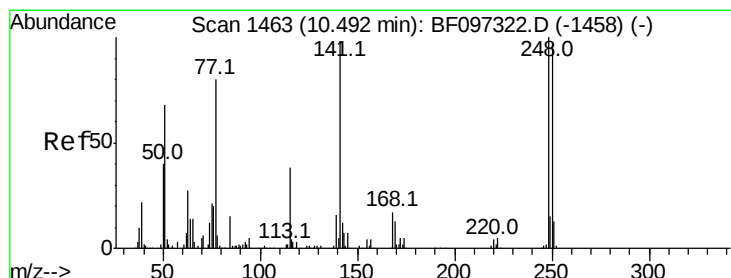
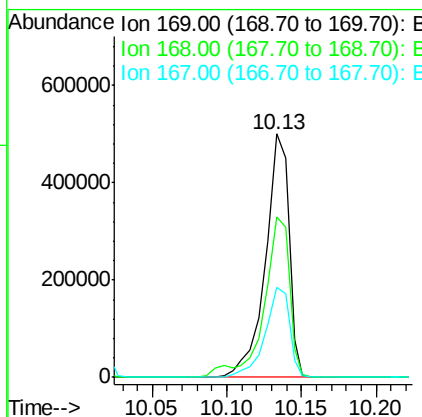
#65
n-Nitrosodiphenylamine
Concen: 42.996 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Instrument :
BNA_F
ClientSampleId :
PB101187BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	546723		
168	65.8		53.2	79.8
167	37.2		29.5	44.3

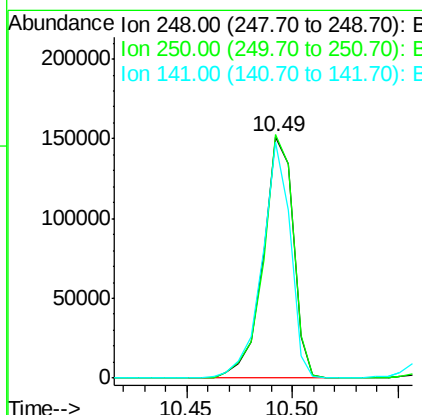
Manual Integrations
APPROVED

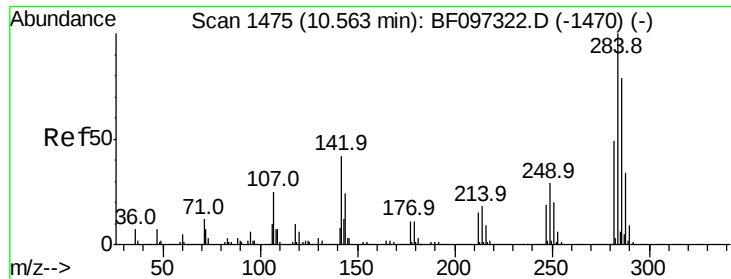
Sohil
8/4/2017 5:30:14 PM



#66
4-Bromophenyl-phenylether
Concen: 41.416 ng
RT: 10.49 min Scan# 1463
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	151048		
250	101.0		76.8	115.2
141	98.1		68.6	103.0





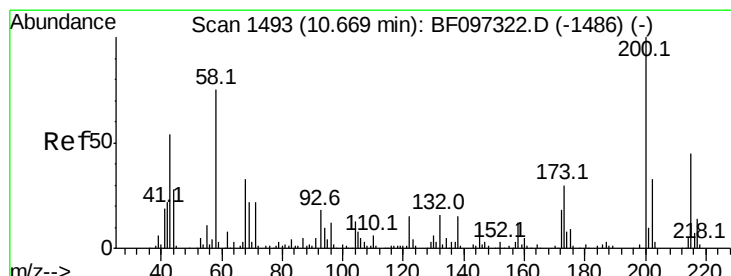
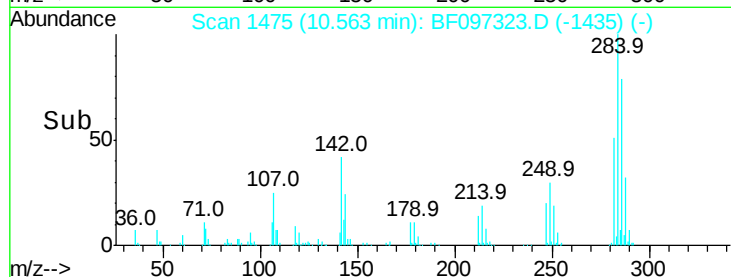
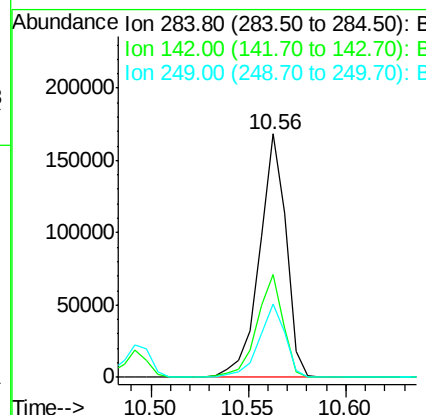
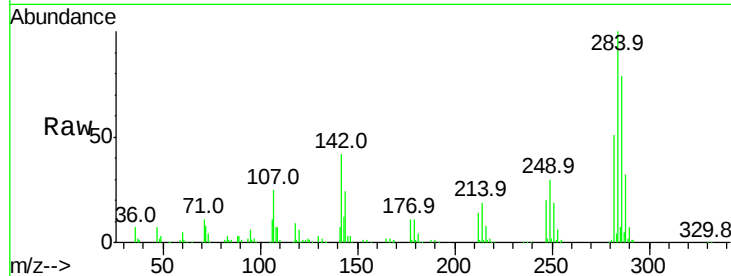
#67
Hexachlorobenzene
Concen: 38.806 ng
RT: 10.56 min Scan# 1475
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Instrument :
BNA_F
ClientSampleId :
PB101187BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	42.3	22.8	34.2	#
249	30.3	24.0	36.0	

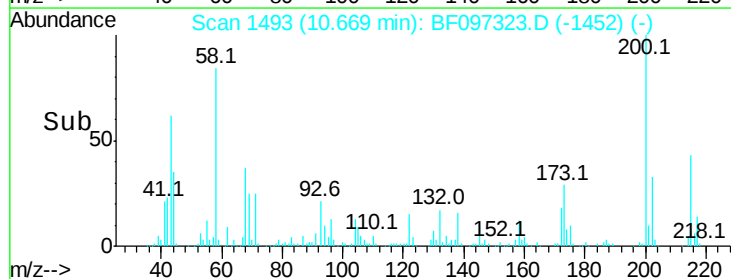
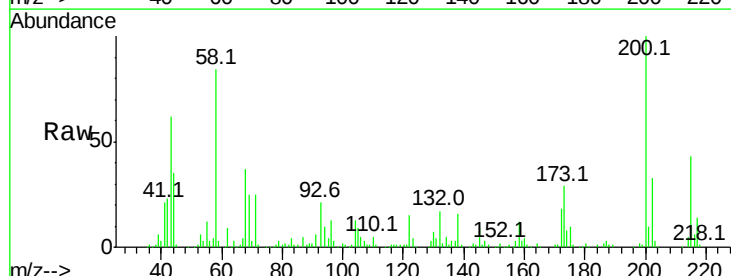
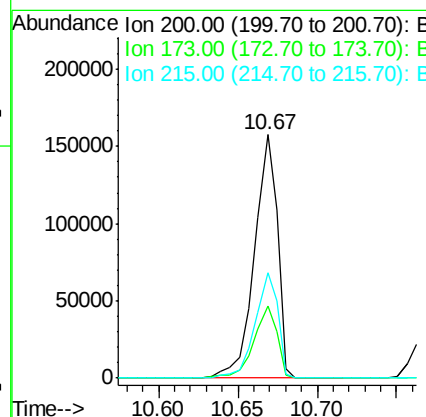
Manual Integrations
APPROVED

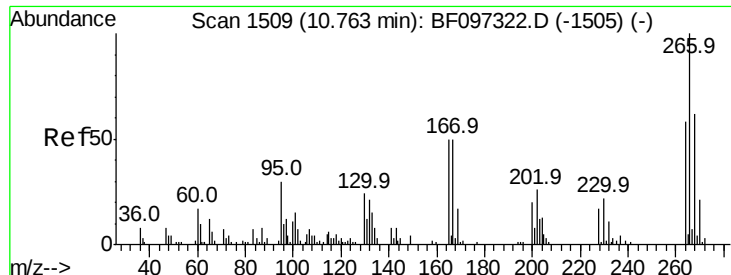
Sohil
8/4/2017 5:30:14 PM



#68
Atrazine
Concen: 43.563 ng
RT: 10.67 min Scan# 1493
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.4	6.3	46.3	
215	43.3	27.2	67.2	





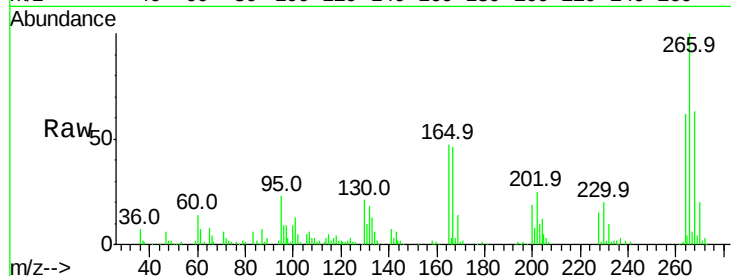
#69
 Pentachlorophenol
 Concen: 74.944 ng
 RT: 10.77 min Scan# 1510
 Delta R.T. -0.05 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

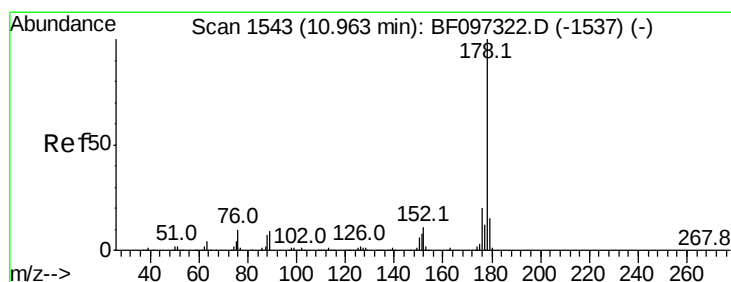
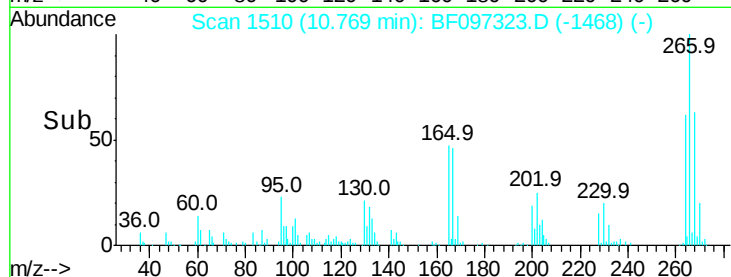
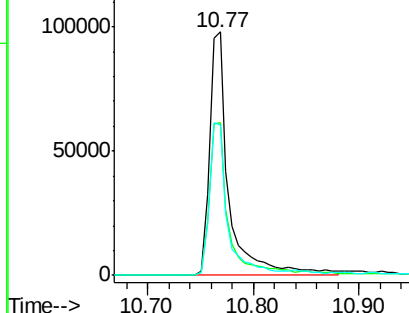
Tot Ion	Ratio	Resp	Lower	Upper
266	100	126820		
268	62.6	51.1	76.7	
264	61.8	51.7	77.5	

Manual Integrations
 APPROVED

Sohil
 8/4/2017 5:30:14 PM

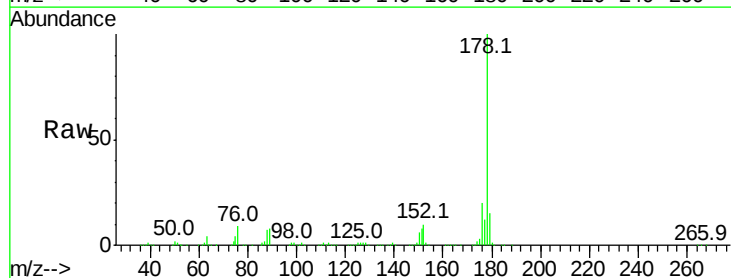


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

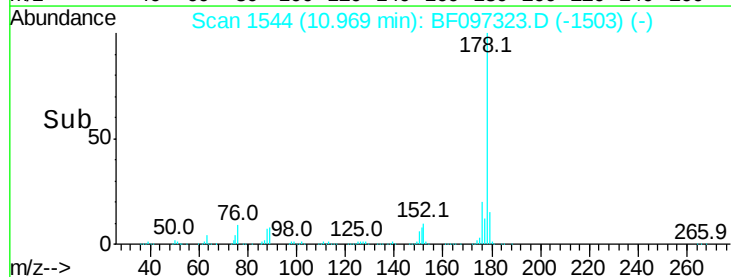
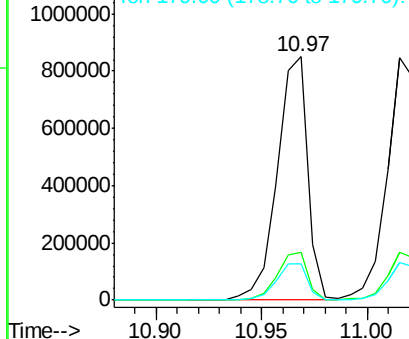


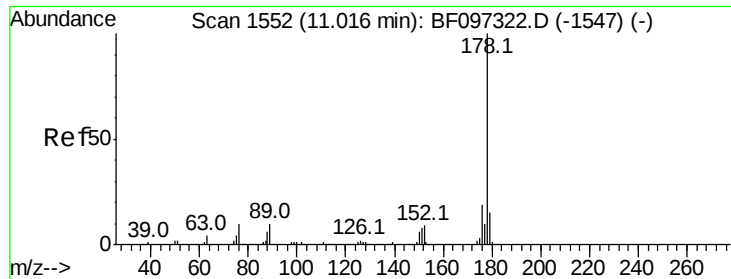
#70
 Phenanthrene
 Concen: 43.831 ng
 RT: 10.97 min Scan# 1544
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	858250		
176	19.8	16.2	24.4	
179	14.9	12.6	19.0	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





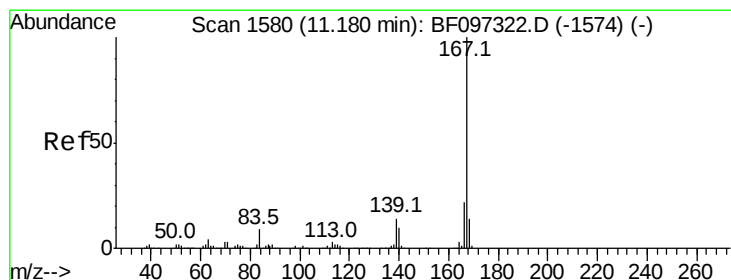
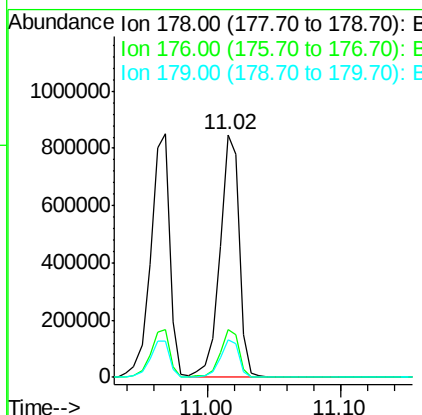
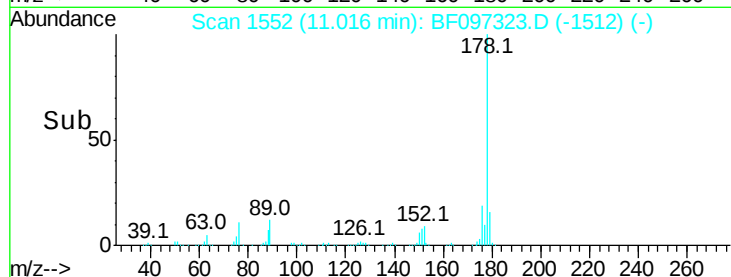
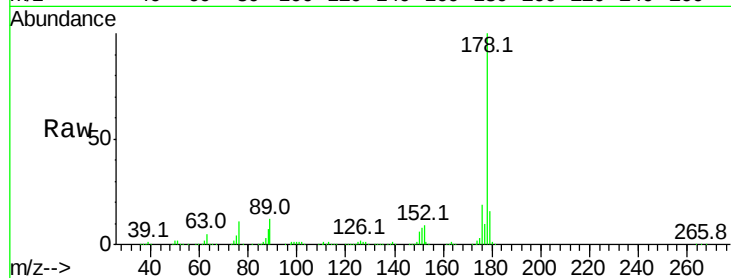
#71
 Anthracene
 Concen: 43.239 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.7	12.7	19.1

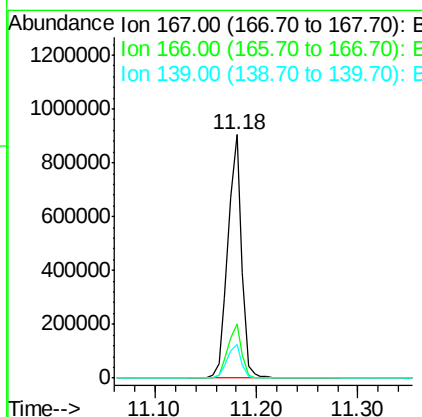
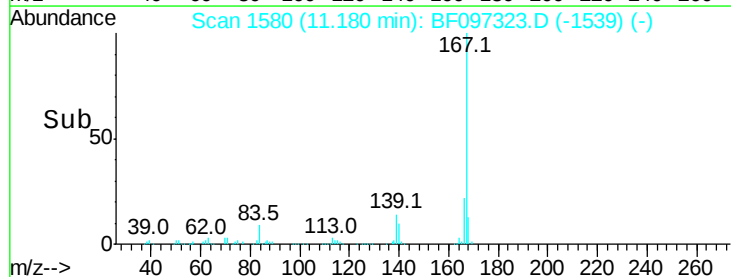
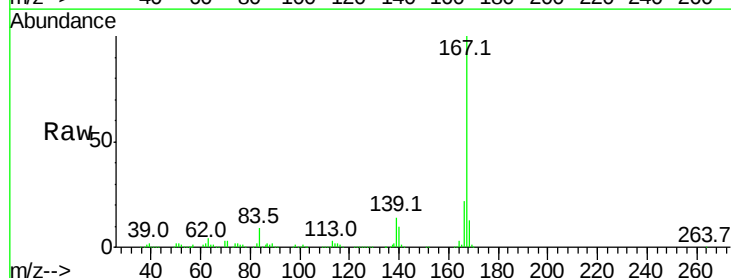
Manual Integrations
 APPROVED

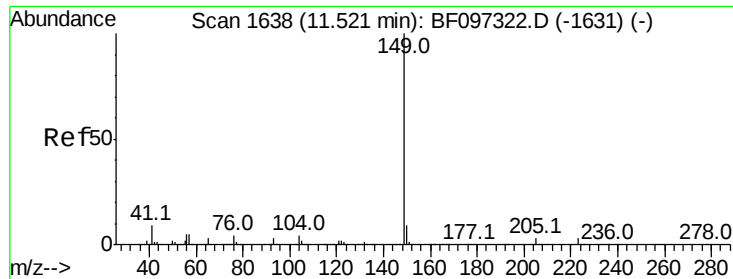
Sohil
 8/4/2017 5:30:14 PM



#72
 Carbazole
 Concen: 43.266 ng
 RT: 11.18 min Scan# 1580
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.6	11.7	17.5





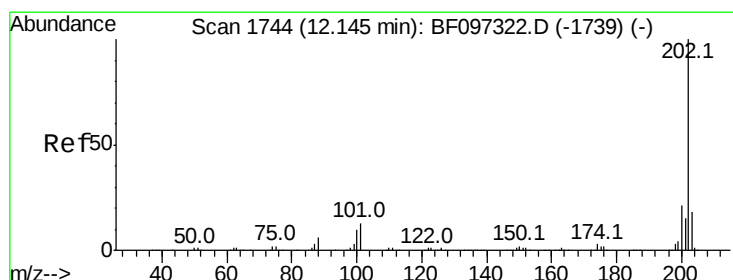
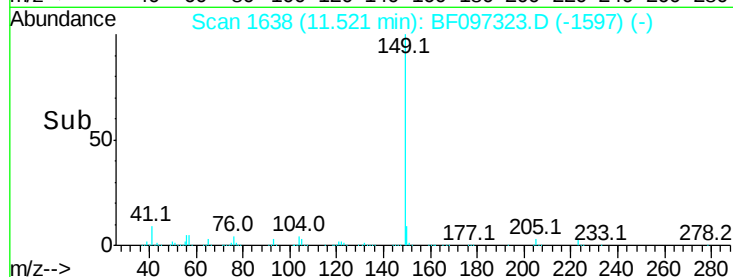
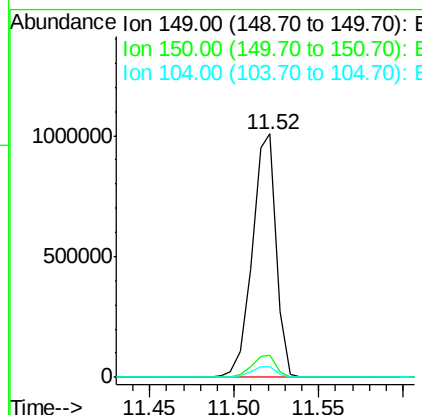
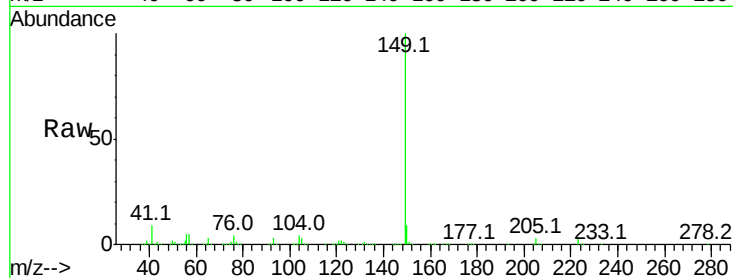
#73
Di-n-butylphthalate
Concen: 41.046 ng
RT: 11.52 min Scan# 1638
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Instrument :
BNA_F
ClientSampleId :
PB101187BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.4	4.0	6.0

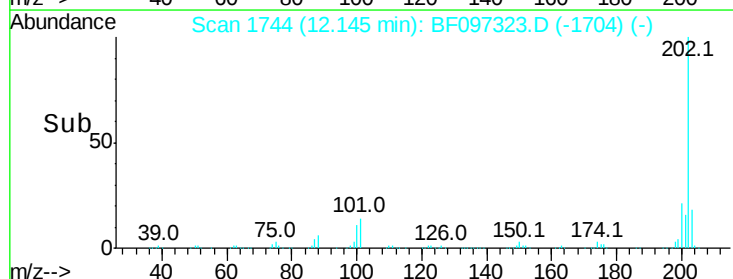
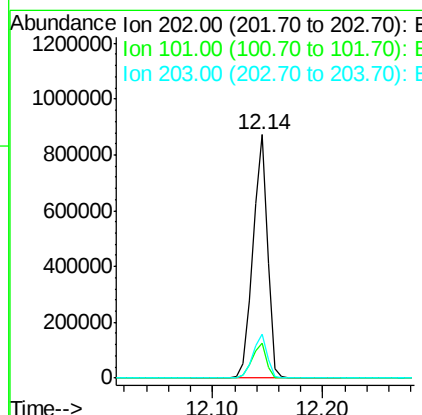
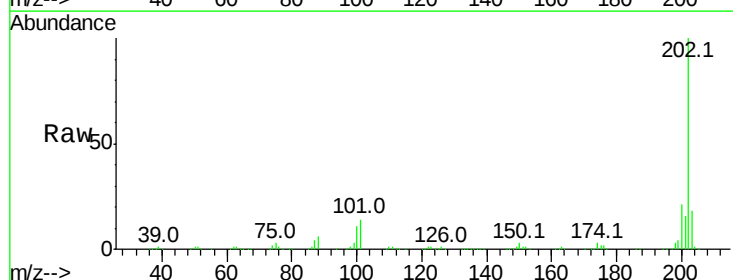
Manual Integrations
APPROVED

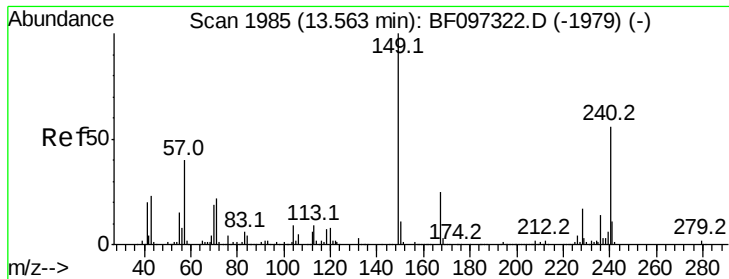
Sohil
8/4/2017 5:30:14 PM



#74
Fluoranthene
Concen: 42.277 ng
RT: 12.14 min Scan# 1744
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.2
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.56 min Scan# 1985

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampleId :

PB101187BS

Tot Ion:240 Resp: 217750

Ion Ratio Lower Upper

240 100

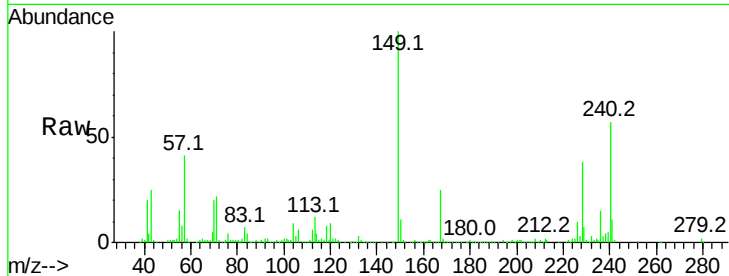
120 15.2 5.8 8.8#

236 26.2 20.5 30.7

Manual Integrations
APPROVED

Sohil

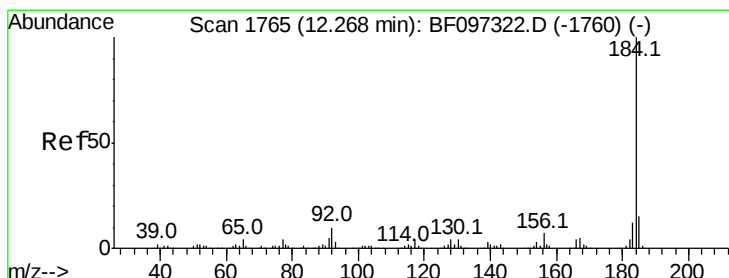
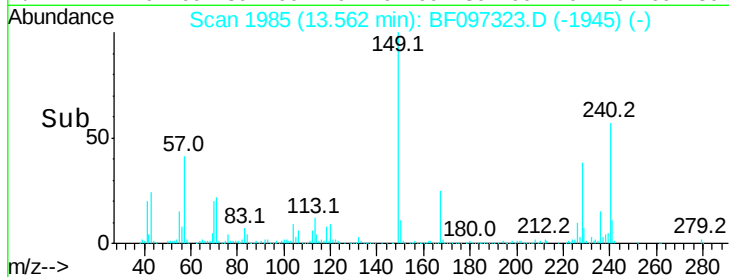
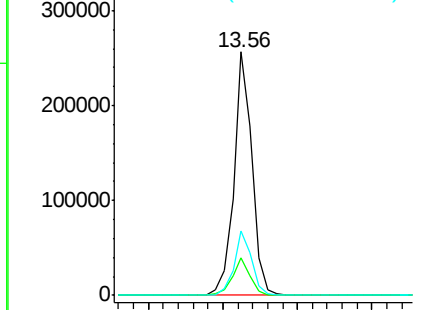
8/4/2017 5:30:14 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.061 ng

RT: 12.27 min Scan# 1766

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

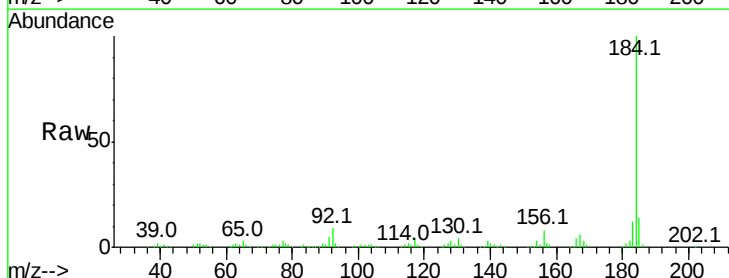
Tgt Ion:184 Resp: 194403

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

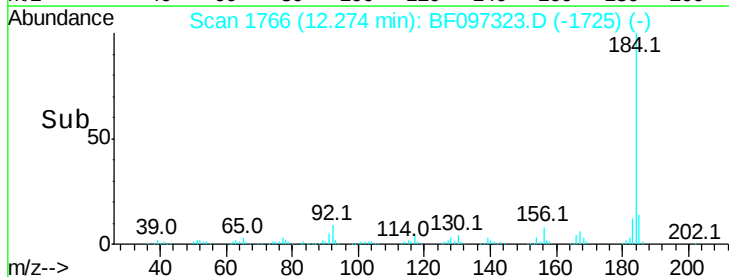
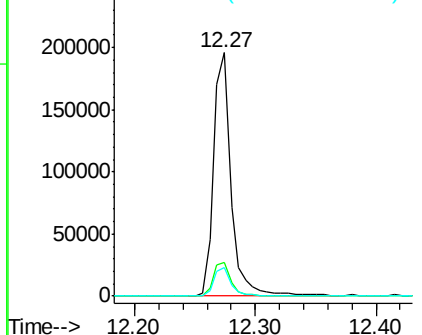
183 11.7 9.8 14.6

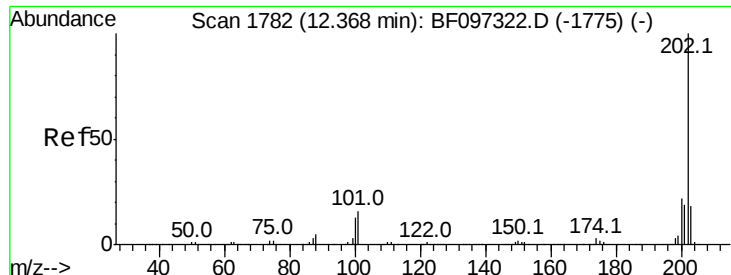


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





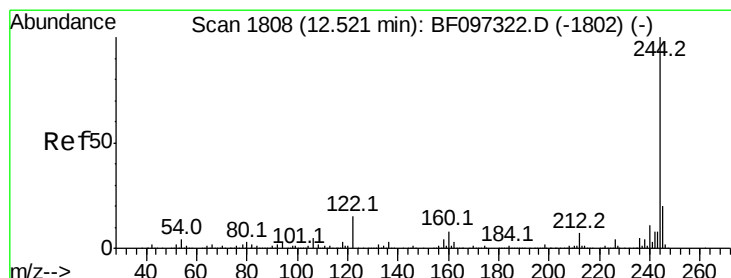
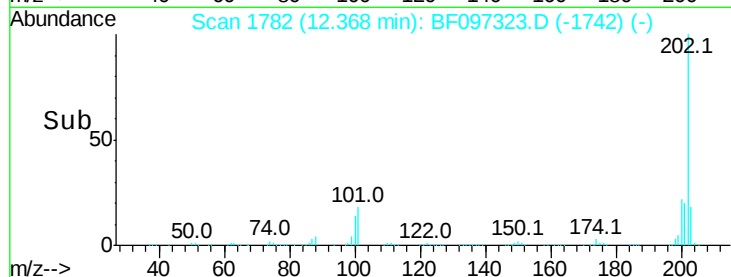
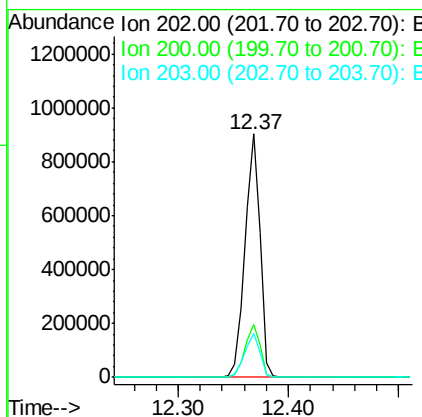
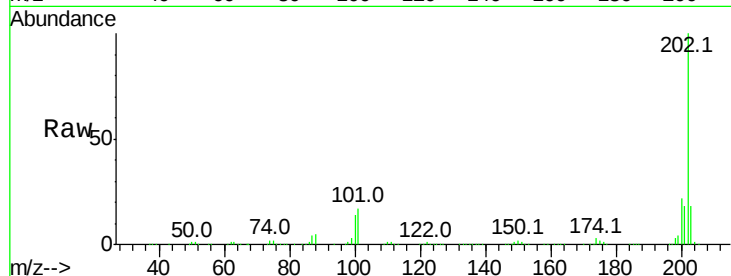
#77
Pvrene
Concen: 48.681 ng
RT: 12.37 min Scan# 1782
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Instrument :
BNA_F
ClientSampleId :
PB101187BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.8	17.6	26.4	
203	17.8	14.4	21.6	

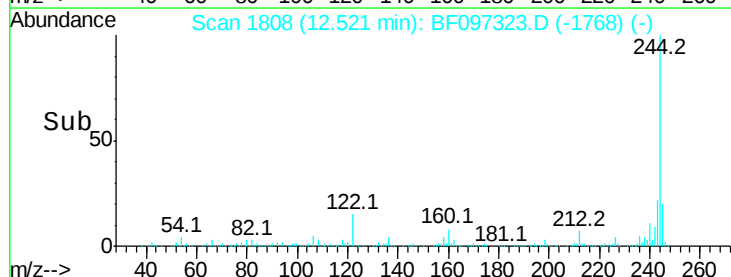
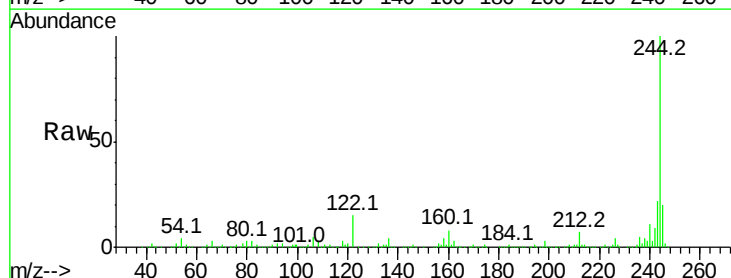
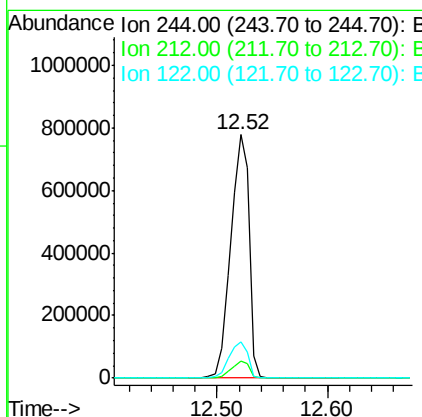
Manual Integrations
APPROVED

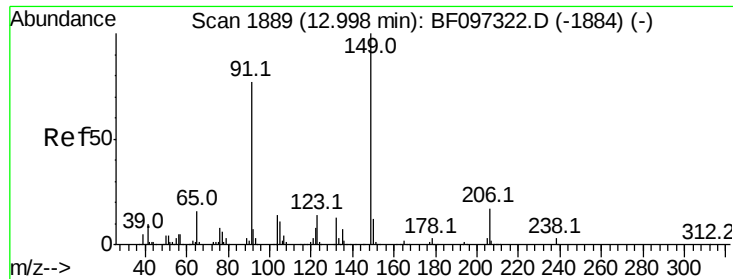
Sohil
8/4/2017 5:30:14 PM



#78
Terphenyl-d14
Concen: 85.107 ng
RT: 12.52 min Scan# 1808
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.9	6.0	9.0	
122	15.0	10.3	15.5	





#79

Butylbenzylphthalate

Concen: 47.819 ng

RT: 13.00 min Scan# 1889

Delta R.T. -0.07 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

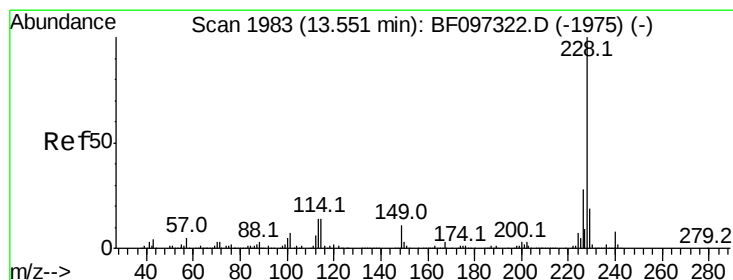
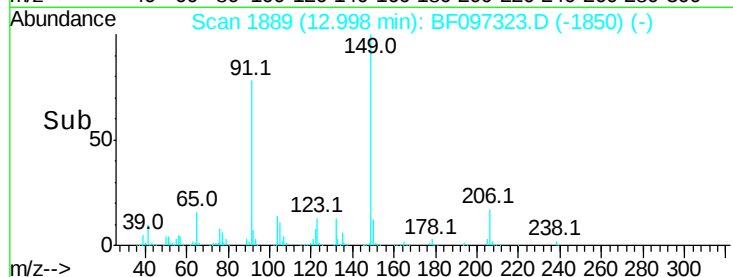
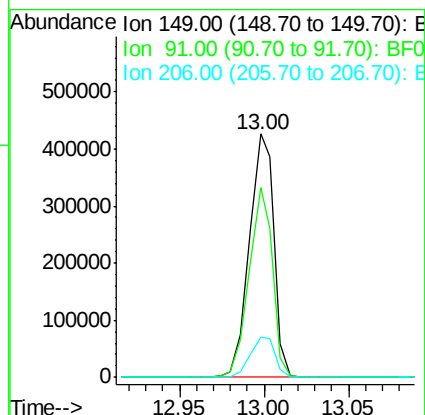
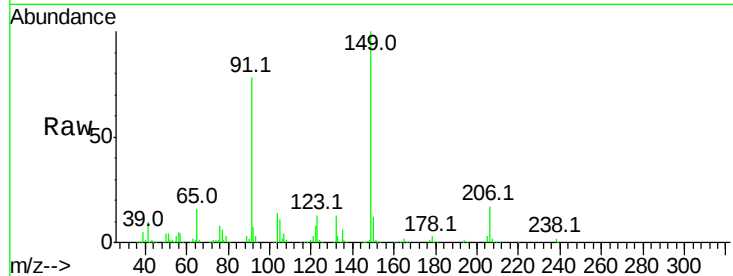
ClientSampleId :

PB101187BS

Tot Ion:	149	Resp:	433620
Ion Ratio	Lower	Upper	
149	100		
91	77.8	45.0	67.4#
206	16.6	17.0	25.6#

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:14 PM



#80

Benzo(a)anthracene

Concen: 46.827 ng

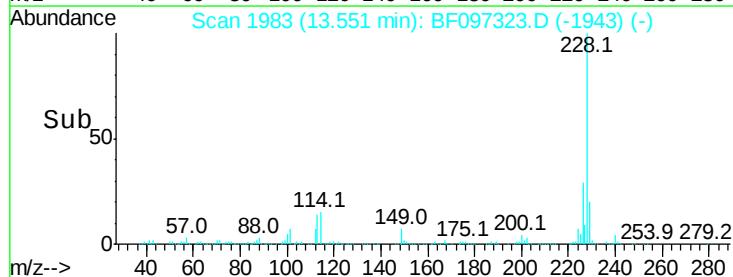
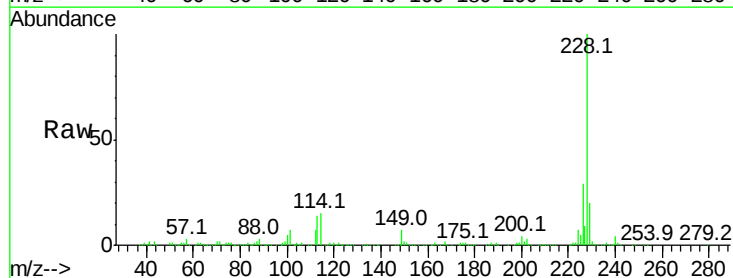
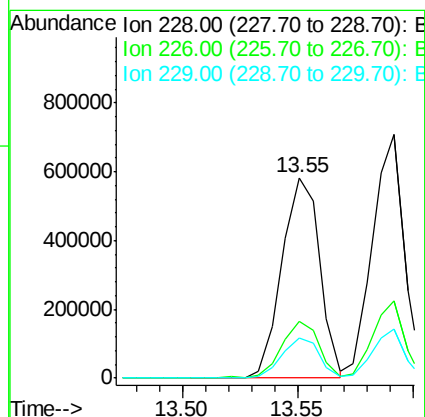
RT: 13.55 min Scan# 1983

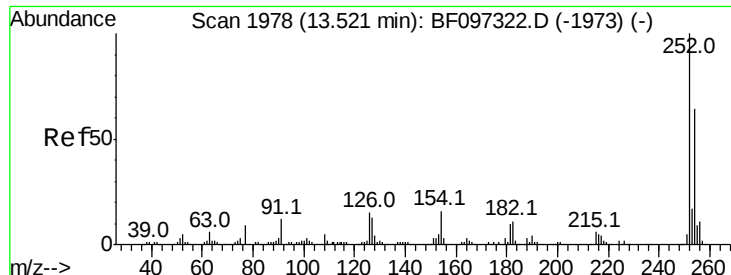
Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Tgt Ion:	228	Resp:	659768
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.6	33.8
229	19.8	16.3	24.5





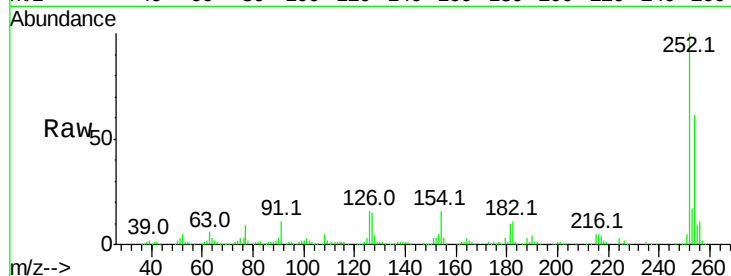
#81
 3,3'-Dichlorobenzidine
 Concen: 38.136 ng
 RT: 13.52 min Scan# 1978
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	60.8	51.5	77.3
126	15.6	15.8	23.8

Manual Integrations
 APPROVED

Sohil
 8/4/2017 5:30:14 PM

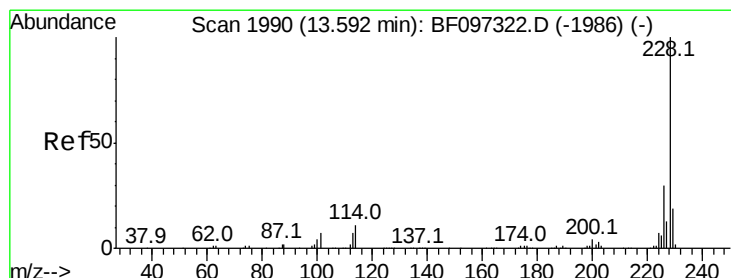
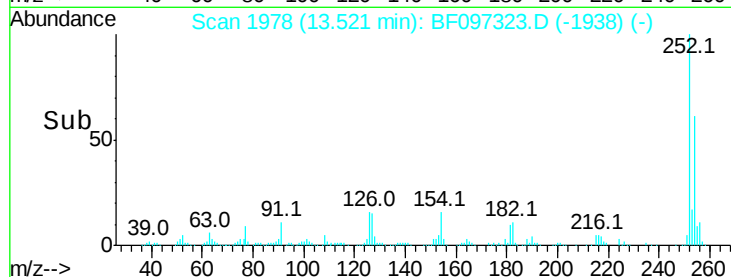
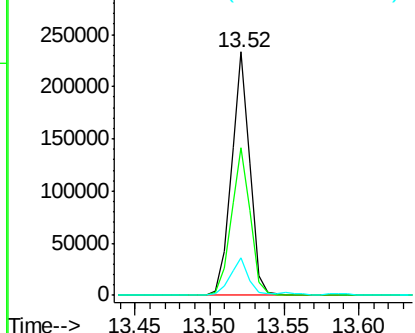


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 49.204 ng
 RT: 13.59 min Scan# 1990
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

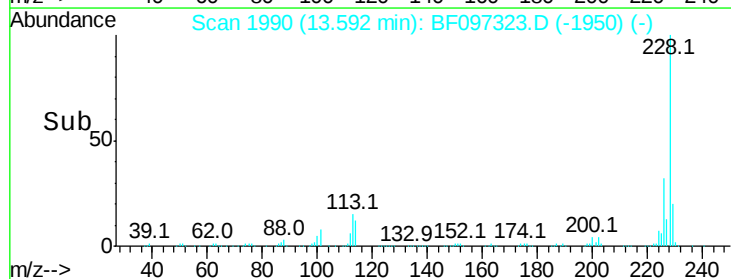
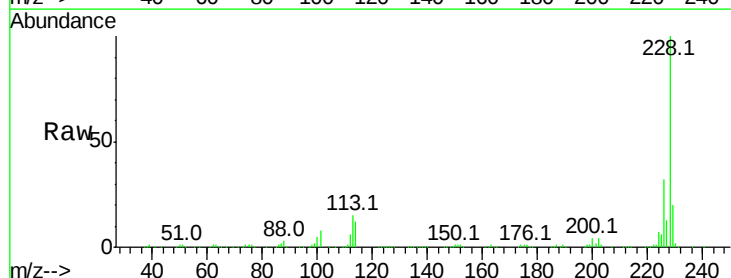
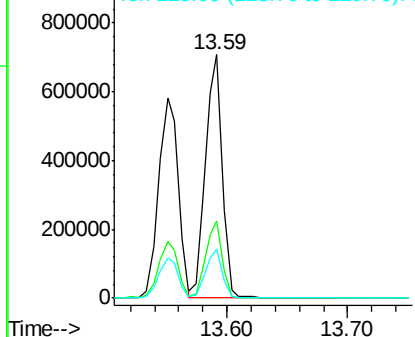
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.5	24.9	37.3
229	20.1	15.8	23.6

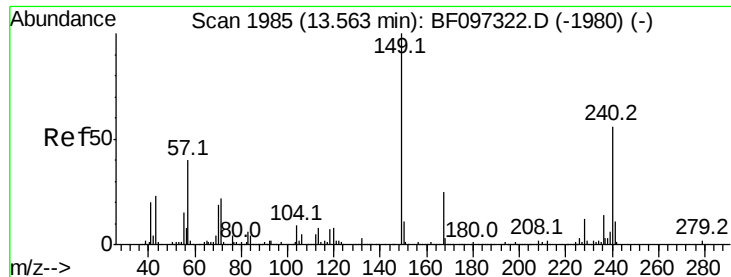
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





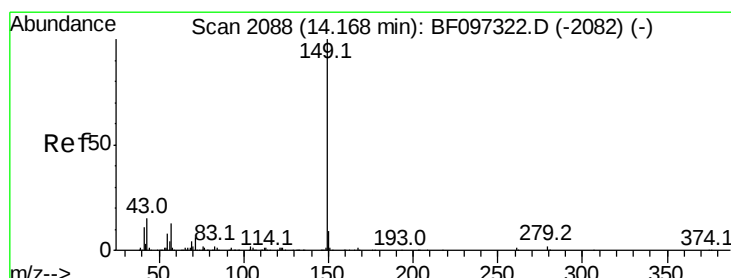
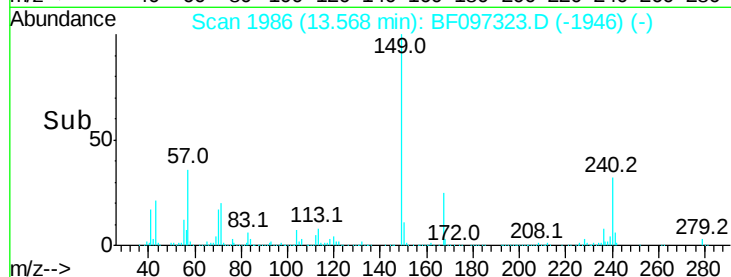
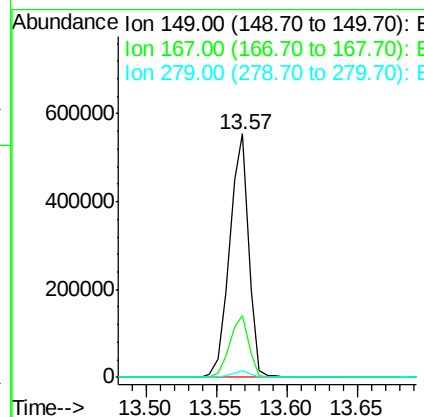
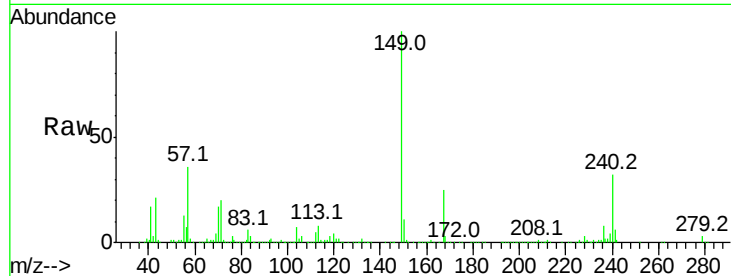
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.737 ng
 RT: 13.57 min Scan# 1986
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.4	21.0	31.4	
279	2.9	1.9	2.9	

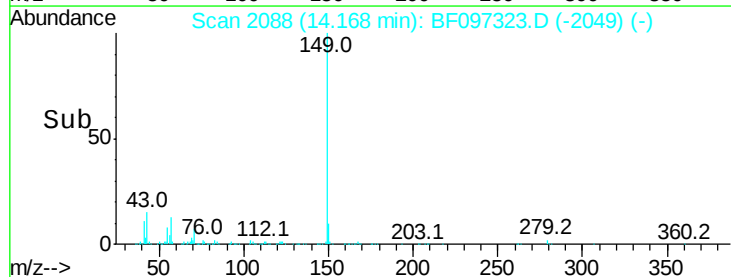
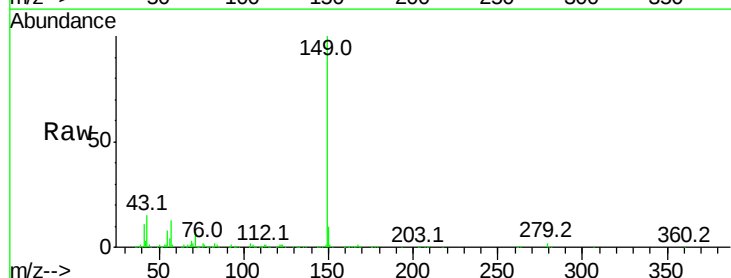
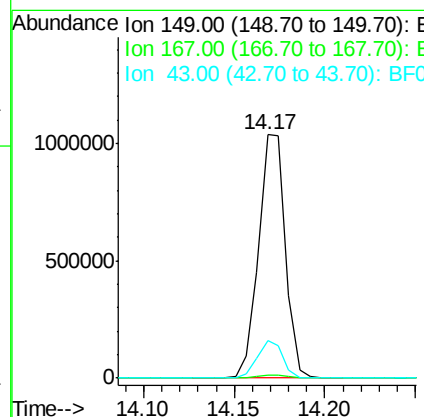
Manual Integrations
 APPROVED

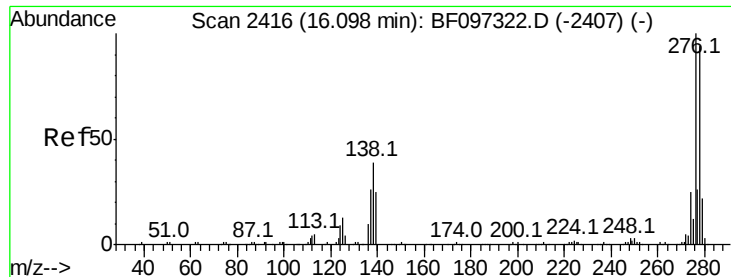
Sohil
 8/4/2017 5:30:14 PM



#84
 Di-n-octyl phthalate
 Concen: 49.003 ng
 RT: 14.17 min Scan# 2088
 Delta R.T. -0.07 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.4	1.2	1.8	
43	14.4	8.5	12.7	





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.209 ng

RT: 16.10 min Scan# 2417

Delta R.T. -0.10 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

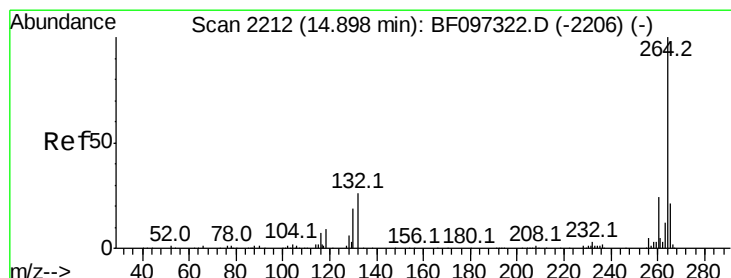
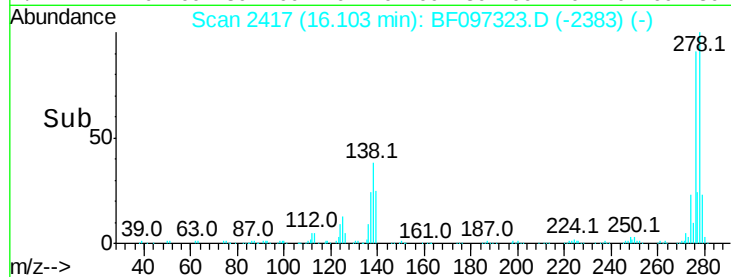
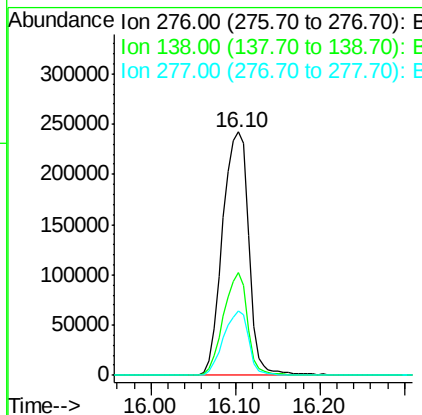
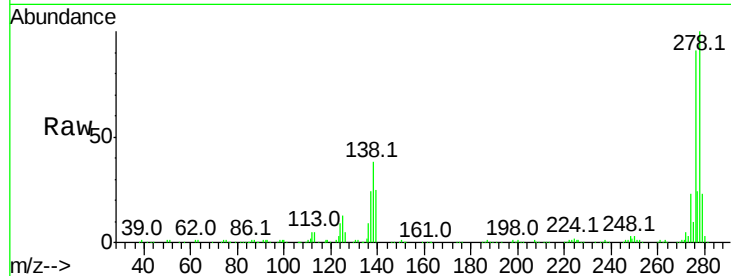
ClientSampleId :

PB101187BS

Tot Ion:	276	Resp:	521531
Ion Ratio	Lower	Upper	
276	100		
138	38.5	27.8	41.6
277	25.3	20.2	30.4

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:14 PM



#86

Perylene-d12

Concen: 20.000 ng

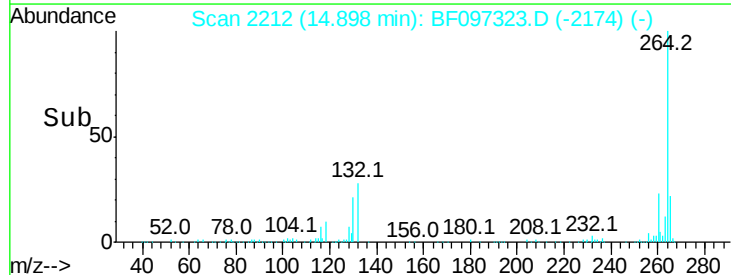
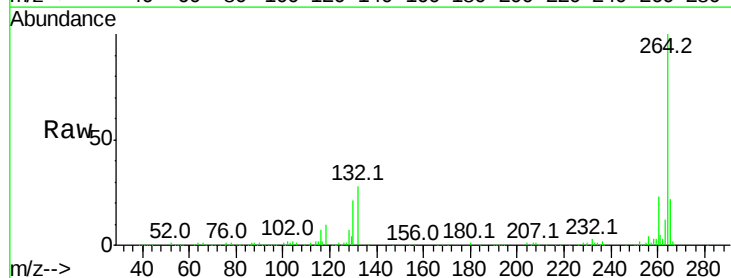
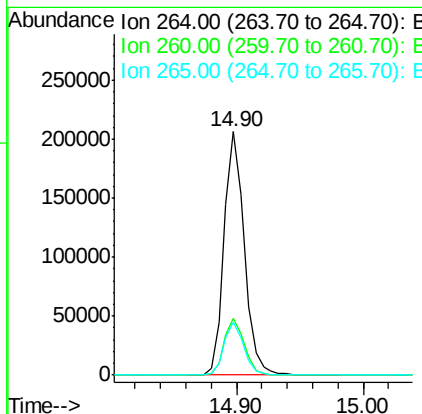
RT: 14.90 min Scan# 2212

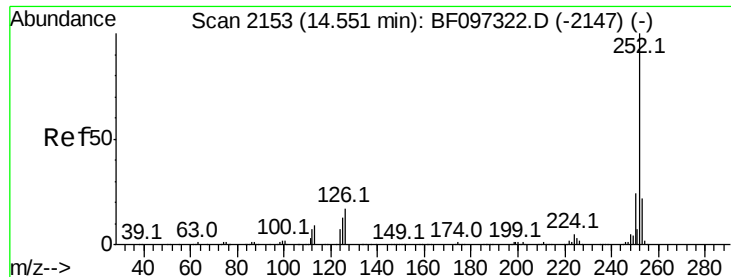
Delta R.T. -0.08 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Tgt Ion:	264	Resp:	228582
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.5	29.3
265	21.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 44.468 ng

RT: 14.55 min Scan# 2153

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

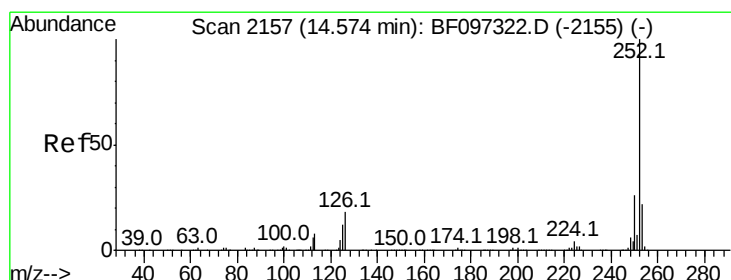
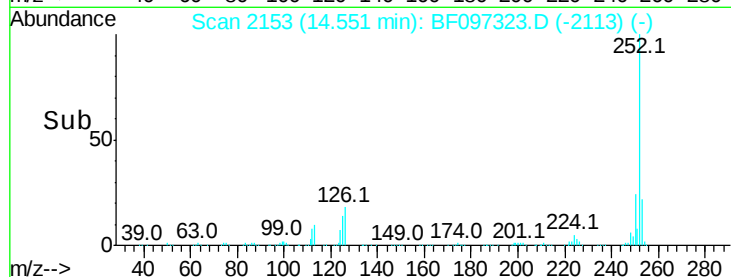
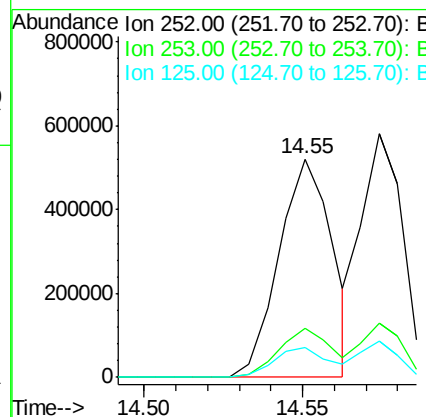
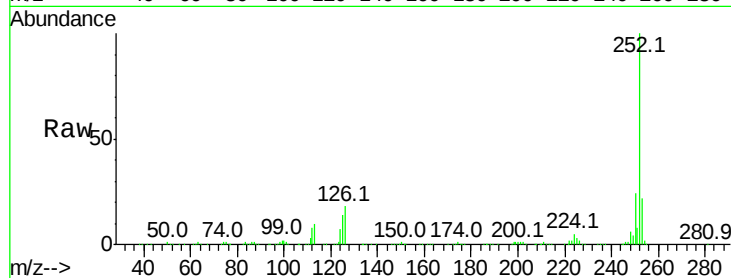
ClientSampleId :

PB101187BS

Tot Ion:	252	Resp:	611018
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	13.9	9.8	14.8

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:14 PM



#88

Benzo(k)fluoranthene

Concen: 41.538 ng

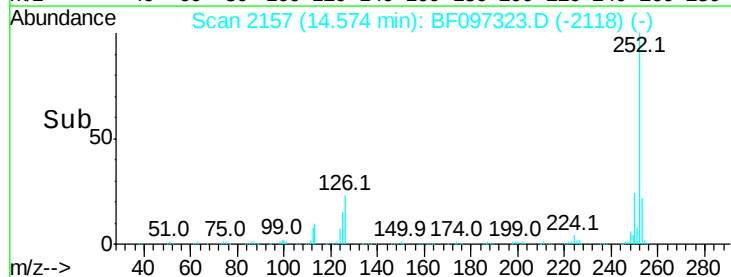
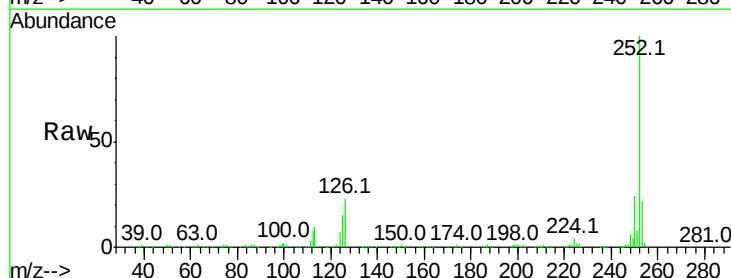
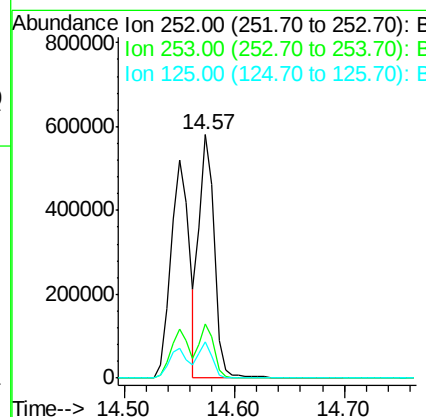
RT: 14.57 min Scan# 2157

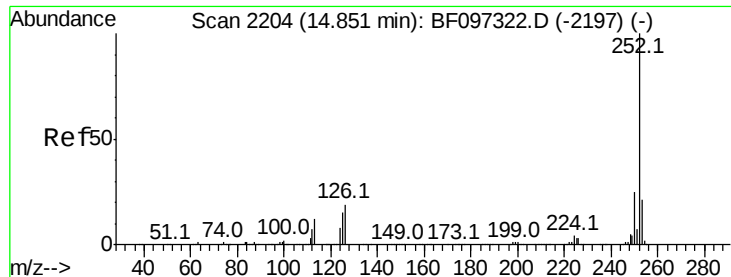
Delta R.T. -0.07 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Tgt Ion:	252	Resp:	543881
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.4	27.6
125	14.9	13.1	19.7





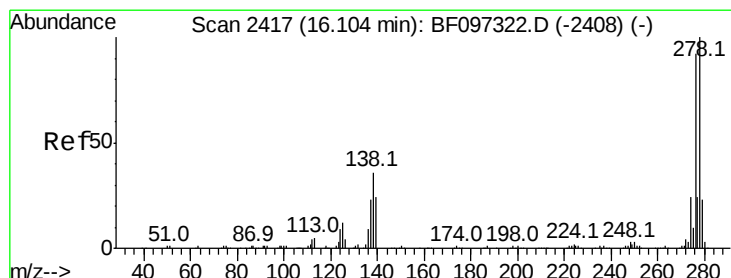
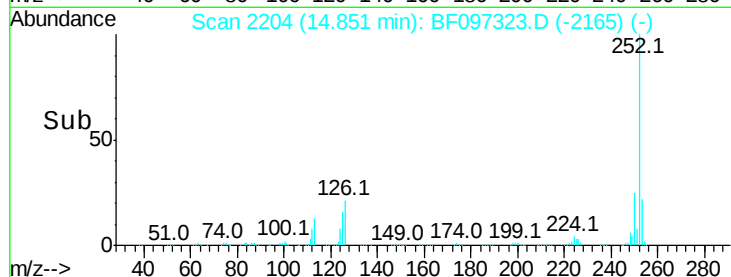
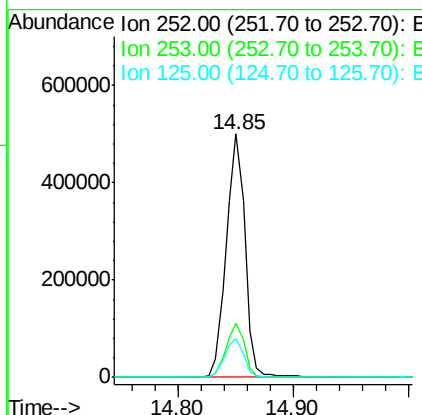
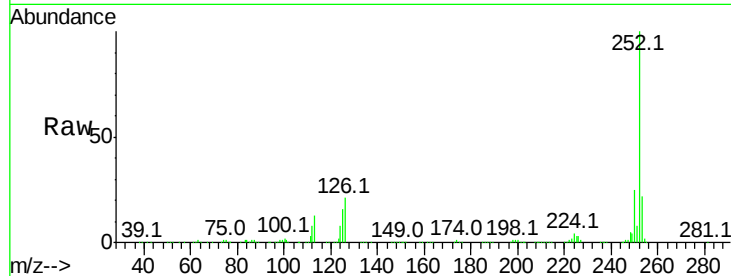
#89
Benzo(a)pyrene
Concen: 44.881 ng
RT: 14.85 min Scan# 2204
Delta R.T. -0.07 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Instrument :
BNA_F
ClientSampleId :
PB101187BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	16.0	11.0	16.4

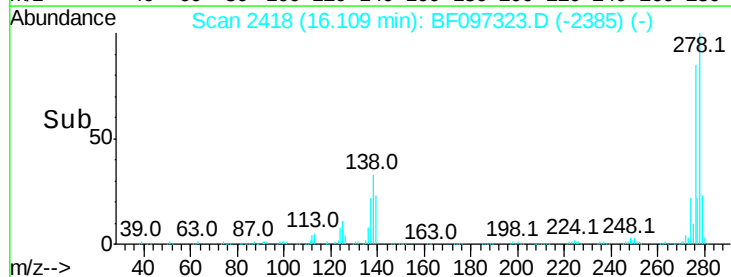
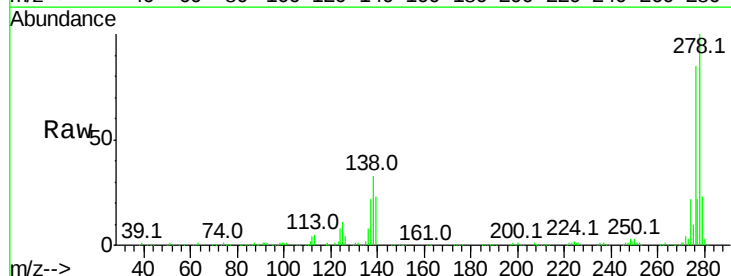
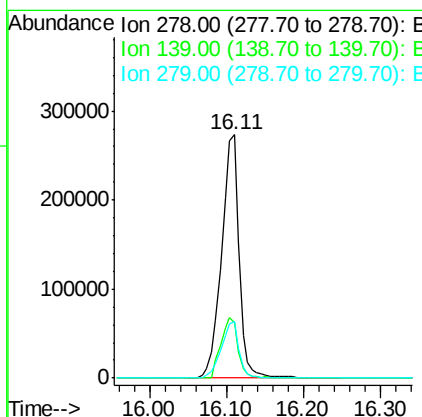
Manual Integrations
APPROVED

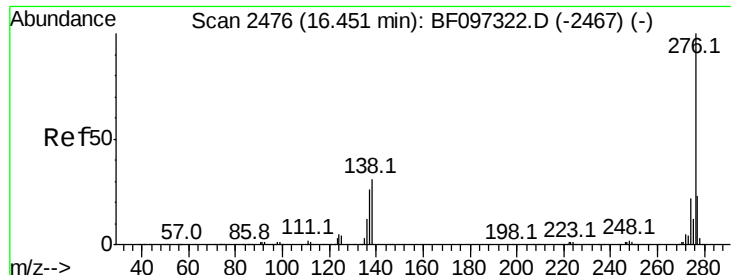
Sohil
8/4/2017 5:30:14 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.260 ng
RT: 16.11 min Scan# 2418
Delta R.T. -0.11 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	16.6	24.8
279	23.2	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 43.648 ng
 RT: 16.45 min Scan# 2476
 Delta R.T. -0.12 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Tot Ion:	276	Resp:	472036
Ion Ratio	Lower	Upper	
276	100		
277	22.7	18.6	28.0
138	35.1	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 8/4/2017 5:30:14 PM

